

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

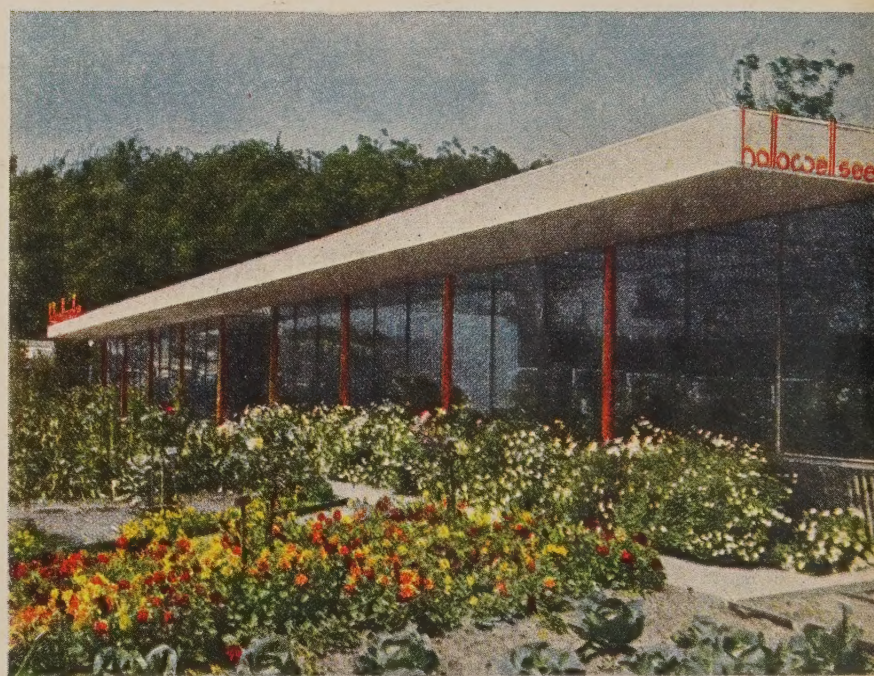
62.09

LIBRARY
RECEIVED
★ JAN 20 1944 ★
U. S. Department of Agriculture

catalog 1944



Views of HALLAWELL'S NEW MODERN BLUE GLASS NURSERY GARDENS, showing a portion of the Trial Gardens, the demonstration Victory Garden and the MODERN STORE, completely equipped with seeds, bulbs, and all available garden supplies. On 19th Avenue at Sloat Boulevard, in San Francisco. Visitors welcome.



hallawell seed co.

256 MARKET STREET . SAN FRANCISCO 11, CALIFORNIA



SNAPDRAGONS



SNAPDRAGON, ROSALIE

ROSALIE SNAPDRAGON

Deep rose and amber. Height 3 feet.

Pkt. 25c.

SNAPDRAGON COLLECTION

1 pkt each of Autumn Glow, Harmony Shades, Orange Shades, Red Rocket and Yellow Jacket. VALUE EACH 25c — ALL 5 for \$1.00 — or

SUPER MAJESTIC MIXTURE, Pkt. 25c.

AQUILEGIA

HALLAWELL'S SELECT HYBRIDS. Pkt. 35c.

TIGRIDIA BULBS

Mixed colors of the new large flowering varieties.

5 for \$1.00; \$1.75 per 12; \$12.00 per 100.

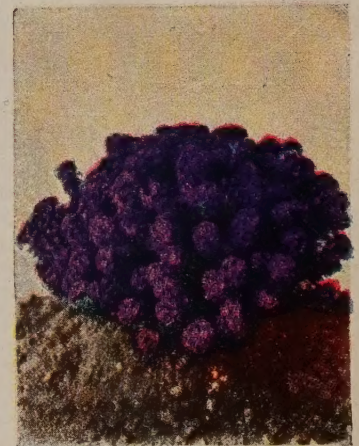


NIEREMBERGIA, PURPLE ROBE

NIEREMBERGIA

HALLAWELL'S PURPLE ROBE.

Pkt. 50c.



ALYSSUM, VIOLET QUEEN

ALYSSUM

HALLAWELL'S VIOLET QUEEN

Pkt. 25c; 1/8 oz. 40c.



AQUILEGIA (COLUMBINE)



TIGRIDIAS



AGERATUM, MIDGET BLUE

AGERATUM

MIDGET BLUE—Small branched plants 3 to 4 inches high, blooming from late Spring to frost. Fine for edgings. Pkt. 25c.

ASTER

ROSE MARIE—Six to eight large flowers on branching plants 2 to 2½ feet tall. Early Giant type. Pkt. 25c.



ASTER, ROSE MARIE



CARNATIONS

CARNATIONS

Hallawell's famous *Enfant de Nice* in separate colors of Pink, Red, Rose, Salmon, Striped and White.

Pkt. 35c; any 5 for \$1.50

Enfant de Nice Mixed.

Pkt. 25c.



SWEET SULTANS

CENTAUREA

IMPERIALIS MIXED (Sweet Sultans)—Long stems for cutting. Pkt. 15c.



CALENDULA, CAMPFIRE IMPROVED

CALENDULA

CAMPFIRE IMPROVED—Brilliant orange, long stems. Pkt. 15c.

COSMOS

PINKIE—Flowers 3 to 4 inches across ten weeks from planting. Pkt. 15c.

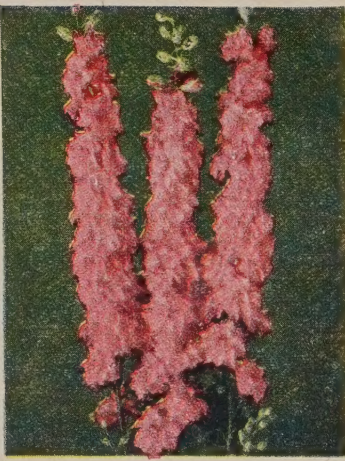
EARLY ORANGE FLARE—A mass of lovely orange flowers 4 months from seeding. Pkt. 15c.



COSMOS, PINKIE



COSMOS, ORANGE FLARE



LARKSPUR, PINK KING

LARKSPUR

PINK KING—Lovely soft salmon rose.
Pkt. 15c.



ANNUAL PHLOX MIXED

PHLOX

Bright colored flowers from early Summer until late Fall.
Pkt. 25c.



PHLOX, SALMON GLORY

PHLOX

SALMON GLORY—Deep salmon with cream eye.
Very large flowers on good stems. Pkt. 25c.



SWEET PEA, ROSIE

SWEET PEA

ROSIE—Slightly waved, deep rose.
Pkt. 15c.



DIANTHUS

DIANTHUS

RARE SPECIES MIXTURE—
Includes many of the finest
perennial sorts, mostly low
growing. Pkt. 25c.

GAILLARDIA

FINE SINGLE MIXED — A
bright gay garden flower
and excellent for cutting.
Pkt. 15c.

LARKSPUR COLLECTION

**Hallawell's Base Branching
for Cut Flowers.**

Exquisite Rose, Lilac Spire,
Miss California, Blue Bell.

Each per packet 15c;

Collection all 4, 50c.

Larkspur Superb Mixed—
Pkt. 15c.



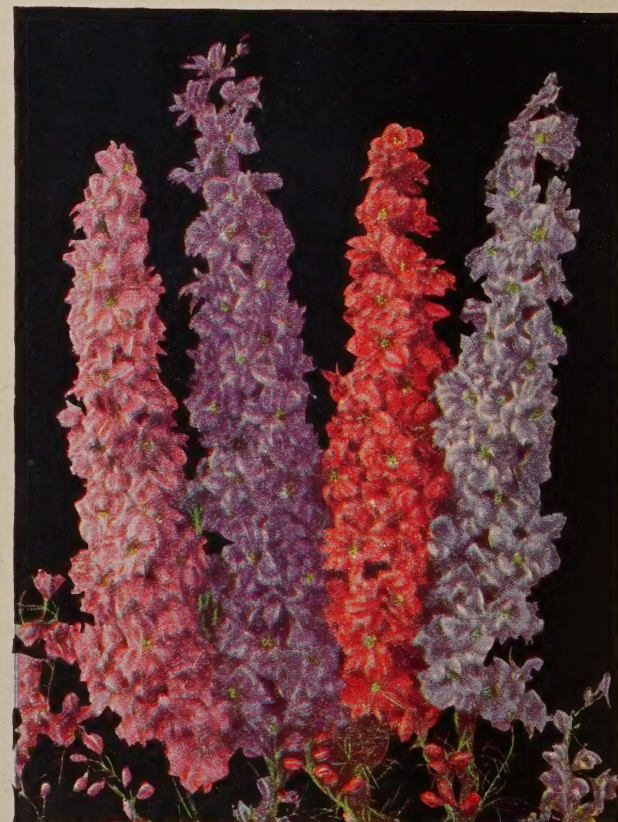
GAILLARDIA



HOLLYHOCK, INDIAN SPRING

HOLLYHOCK

INDIAN SPRING — Semi-double
fringed in shades of pink.
Pkt. 25c.



LARKSPUR, BASE BRANCHING



MARIGOLD, SUNSET ORANGE

MARIGOLD, ORANGE SUNSET. Huge flowers 5 inches across. Plants 3 feet high.

Pkt. 20c.



HALLAWELL'S HARMONY SPECIAL MIXTURE

MARIGOLD, HARMONY SPECIAL MIXTURE. Small crested flowers on plants 12 to 15 inches high.

Pkt. 20c.



HELIANTHUS, SUN GOLD

CALIFORNIA MARIGOLDS

provide a wealth of glowing sunshine from early Summer to late Fall. There are tall ones for background and dwarf sorts for edgings, and excellent, all of them for cutting. They are easy to grow. The collection on this page represents the most popular types. One packet each of the 5 varieties 75c.

HELIANTHUS, SUN GOLD. Large double blooms on plants 4 to 5 feet tall. Pkt. 15c.



MARIGOLD, YELLOWSTONE



MARIGOLD, POT O'GOLD

MARIGOLD, POT - O - GOLD. Fragrant flowers 4 to 4½ inches across. Plants 12 to 15 inches high. Pkt. 15c.



MARIGOLD, FERDINAND

MARIGOLD, FERDINAND. About 1¾ inch crested flowers; plants about 20 inches high. Pkt. 15c.

MARIGOLD, YELLOWSTONE. Blooms are 4 to 5 inches across on plants 18 inches high. Pkt. 20c.



SWEET PEAS, HALLAWELL'S RUFFLED SPENCER MIXED

SWEET PEAS

HALLAWELL'S RUFFLED SPENCER—Our very finest sweet-peas; large, ruffled flowers, long sturdy stems, and many flowers on a stem.

Pkt. 15c, oz. 50c.

STOCKS

HALLAWELL'S SUPER GIANT IMPERIAL—These branch at the base; produce more spikes for cutting. The greatest improvement in stocks.

Pkt. 35c



STOCKS



GLAMOUR

PETUNIA, GLAMOUR

Huge ruffled blooms of lovely salmon-rose, delicately veined.

Pkt. 50c.



PANSY, JUMBO

PANSY

HALLAWELL'S JUMBO MIXTURE

—Large flowers, long stems, fine colors.

Pkt. 50c, 3 pkts. \$1.25.



PETUNIA, THEODOSIA

PETUNIA, THEODOSIA

Very large; fringed rose-pink with golden throat.

Pkt. 35c, 3 for \$1.00.



PORTULACA

PORTULACA

DOUBLE MIXED—Thrives in a hot dry climate. Blooms all summer.

Pkt. 25c.



PETUNIA, RADIANCE

PETUNIA, RADIANCE

Pkt. 25c.



FORMULA MIXED VIOLAS

VIOLA—Hallawell's Special California Mixture of bright gay colors.

Pkt. 25c, 3 for 60c.



ZINNIA LINEARIS

ZINNIA, LINEARIS. Excellent for flower-bowl arrangements.

Pkt. 15c.



ICELAND POPPY

ICELAND POPPY, Pastel Tints.
Pkt. 25c.



ICELAND POPPY, THE EMPEROR

ICELAND POPPY. The Emperor. Pkt. 25c.



ZINNIAS

ZINNIA

HALLAWELL'S SPECIAL MIXTURE of **DAHLIA-FLOWERED ZINNIAS** are the finest California grown. They thrive in the heat and produce masses of colorful flowers for cutting.

Pkt. 15c, 4 pkts. for 50c.

HUNNEMANNIA

SUNLITE—Mexican Tulip Poppy; grows 2 feet high, blooms early.

Pkt. 15c.



HUNNEMANNIA SUNLITE

Hallawell's LAWN GRASSES



The lawn is the finishing touch to the home; it should have careful soil preparation; well chosen seed and proper planting, if it is to be all that you desire.

Since the Seed is the least expensive part of a lawn, it is good policy to purchase the best small-bladed grass seeds to produce a lawn with a smooth velvety green turf.

Give you lawn a good start with Hallawell's high quality lawn seeds.

HALLAWELL'S EVERGREEN LAWN MIXTURE

Here is a lawn mixture that will please you in every way. There are thousands of lawns of Evergreen in Northern California. It remains green throughout the year and thrives in climates from cool San Francisco to the warmer interior valleys.

Contains several of the most desirable small-bladed grasses. Mowed at regular intervals it is a velvety dark green color and soon forms a thick cushion turf. It makes an enduring lawn, one that will stand reasonable tramping without injury and after the turf is well established, it is resistant to many of the usual lawn ailments.

A good seed bed will encourage deep rooting and it is well to mix peat, leaf mold, or other similar weed-free organic materials into the soil before sowing the seed. Sow 1 lb. to 100 square feet. Lb. 90c; 5 lbs. \$4.25.

LAWN HINTS—Spade deeply, adding a good humus material sheep manure or other organic fertilizers which contain no weed seeds. Rake to the desired grade and water thoroughly to settle the soil evenly. If this preparation is made two weeks in advance of sowing, the surface weed seeds will have germinated and may be removed. Now rake for the final grade and broadcast the seed evenly.

To prevent the surface drying and crusting cover the seed lightly with a mixture of soil and moistened peat moss. Sprinkle carefully, using a fine spray to prevent washing. Water thoroughly, but avoid applying too much in one place to form puddles, which may float the seed and mulch into patches.

WE PAY POSTAGE ANYWHERE WITHIN U. S. ON ITEMS OF GRASS SEEDS PRICED AT 50c PER POUND OR MORE.

HALLAWELL'S LAWN CARPET MIXTURE. This is predominantly a mixture of bent grasses, for those desiring a carpet-like lawn of fine texture, and rich color. The best varieties of bent grass have been combined with other fine leaved varieties, in the proper proportion to give maximum serviceability and uniform attractiveness through the year. Sow one pound to 250 sq. ft. Lb. \$1.25; 5 lbs. \$6.00.

HALLAWELL'S PARK LAWN MIXTURE. A formula mixture of hardy, fine-bladed grasses. It provides an excellent turf which will withstand hard usage. Sow one pound to 100 square feet. Lb. 70c; 5 lbs. \$3.25.

HALLAWELL'S SHADY NOOK MIXTURE. Genuine fine-bladed shade grasses in a blend suitable for growing in shaded corners and under trees. A Hallawell-formula mixture. Sow 1 pound to 150 square feet. Lb. \$1.50; 5 lbs. \$7.00.

ASTORIA BENT. Spreads from underground rootstalks, and produces a splendid rich green turf of upright growth and fine texture. Sow one pound to 500 square feet. Certified seed. Lb. \$1.50; 5 lbs. \$7.00.

HIGHLAND BENT. A hardy, fine-leaved bent with upright habit of growth. It creeps by strong and underground rootstalks, succeeds in moist to medium dry acid soils, and when established, produces a fine turf of beautiful light green color. Reports from interior valley sections indicate that it withstands the dry summer heat, and produces a good serviceable lawn. Sow one pound of seed to 500 square feet. Lb. \$2.00; 5 lbs. \$9.50.

SEASIDE BENT. (Coose County Bent). A true creeping bent which roots at each joint where it contacts the soil, producing a thick, smooth, and enduring turf. Once established, the growth is upright, of fine texture, and a beautiful rich green. Seaside Bent succeeds for golf course and lawn under varied soil and climatic conditions. Sow one pound to 500 square feet. Certified seed. Lb. \$1.50; 5 lbs. \$7.00.

CHEWING'S FESCUE. Produces a dense, lasting turf, succeeding even under adverse conditions. Hallawell's thoroughly re-cleaned seed. Lb. \$1.50.

KENTUCKY BLUE GRASS. Hallawell's Select Grade. Lb. 75c; 5 lbs. \$3.50; 10 lbs. \$6.50.

RED TOP GRASS. Gives a quick effect and succeeds on all soils, though doing best on moist soils. Should be in all lawn mixtures. Lb. 50c; 5 lbs. \$2.25.

WHITE CLOVER. Highest quality re-cleaned seed. Sow one pound to 300 square feet. Lb. \$1.50.

WE PAY POSTAGE ANYWHERE WITHIN U. S. ON ITEMS OF GRASS SEEDS PRICED AT 50c PER POUND OR MORE.

CALIFORNIA SEEDSMEN

SAN FRANCISCO 11, CALIFORNIA

Please Send The Following Order To:

Date _____

Amount

Enclosed

Post Office _____

[illegible]

IMPORTANT—California Customers include 2½% sales tax.

NO ENVELOPE NECESSARY

FOLD, SEAL AND STAMP

STANLEY WESSEL & COMPANY, CHICAGO 75272

Flower and vegetable seeds are sent post paid anywhere within the U. S. A. except where otherwise noted in this Catalog.

NON-WARRANTY—While the greatest care is exercised to have all seeds and plants of good quality and true-to-name, the Hallawell Seed Company gives no warranty, express or implied, as to the description, purity, productiveness, or any other matter of any seeds, bulbs, or plants they send out, and will be in no way responsible for the crop.

FOLD ON THIS LINE

USE
LETTER
POSTAGE
HERE

HALLAWELL SEED CO.

256 MARKET ST.

SAN FRANCISCO 11,

CALIFORNIA

Mail Order
RUSH

FOLD ON THIS LINE

IMPORTANT

If there is not sufficient space for your order on one blank, please use both of them. Others will be sent with your order.

FROM _____
STREET _____
TOWN _____
STATE _____

FOLD ON THIS LINE

CALIFORNIA WILD FLOWERS

Broadcast California Wild Flowers or the Colorfull California Poppy on the vacant lots in your neighborhood or on the hillslides in your vicinity. Include the seeds in this order now.



\$1.00 Collection (Regular \$1.70 value)

SEEDS TO PLANT 500 SQUARE FEET
SENT POSTPAID FOR \$1.00

Beets, Crosby's Egyptian.
Beans, Bountiful.
Cucumber, Hallawell's Slicer.
Carrot, Chantenay.
Corn, Golden Cross Bantam.
Lettuce, Hallawell's No. 847.
Lettuce, Hallawell's Loose Leaf.
Parsley, Curled.
Peas, Laxton's Progress.
Onion, Hallawell's Sweet Spanish.
Radish, Early Scarlet Turnip.
Squash, Bush Scallop.
Swiss Chard, Silver.
Tomato, Hallawell's Pearson.
Turnip, Purple Top Globe.

\$2.00 Collection (Regular \$3.45 value)

Seeds to plant 2000 square feet.

Regular \$3.45 value, sufficient to plant a medium sized garden. This collection contains the following 25 varieties of seeds in quantities specified.

SENT POSTPAID FOR \$2.00

1 packet each of the following:

Beans, Kentucky Wonder.	Squash, Zucchini.
Beet, Crosby's Egyptian.	Swiss Chard.
Beet, Early Wonder.	Tomato, Pearson.
Carrot, Chantenay.	Turnip, Purple Top.
Carrot, Imperator.	
Cabbage, Golden Acre.	
Celery, Utah.	
Endive, Green Curled.	
Cucumber, Hallawell's Slicer.	
Cucumber, Hallawell's Pickling.	
Lettuce, Hallawell's No. 847.	
Lettuce, Hallawell's Loose Leaf.	
Onion, Hallawell's Sweet Spanish.	
Onion, Bunching.	
Parsnip, Hollow Crown.	
Radish, Icicle.	
Radish, Sparkler.	
Squash, Bush Scallop.	
1/2 Lb. Beans, Bountiful.	
1/2 Lb. Corn, Golden Cross Bantam.	
1/2 Lb. Peas, Laxton's Progress.	

Hallawell's Victory Garden Collections . .

\$3.00 Collection (Postpaid)

REGULAR \$4.70 VALUE, seeds to plant a good sized Victory garden, 4500 square feet. This collection contains the following 30 varieties of seeds in the quantities specified:

1 packet each of:

Beet, Crosby's Egyptian.
Beet, Early Wonder.
Cabbage, Glory of Enkhuizen.
Carrot, Chantenay.
Carrot, Imperator.
Celery, Utah.
Cucumber, Hallawell's Slicer.
Edible Soy Beans.
Endive, Curled.
Lettuce, Hallawell's No. 847.
Lettuce, Hallawell's Loose Leaf.
Muskmelon, Salmon Cranshaw.
Onion, Bunching.
Onion, Hallawell's Sweet Spanish.
Parsnip, Hollow Crown.
Pepper, California Wonder.
Pumpkin, Hallawell's Bush.
Radish, Icicle.
Radish, Sparkler.
Spinach, New Zealand.
Squash, Banana.
Squash, Bush Scallop.
Swiss Chard, Silver.
Tomato, Pearson.
Turnip, Purple Top Globe.
1 Lb. Beans, Bountiful.
1/2 Lb. Beans, Kentucky Wonder.
1/2 Lb. Corn, Golden Cross Bantam.
1/2 Lb. Peas, Laxton's Progress.
1 oz. Spinach, Prickly.

\$5.00 Collection (Regular \$7.65 value)

SENT POSTPAID FOR \$5.00

Seeds to plant a large family garden. This collection contains the following 40 varieties of vegetable seeds in quantities specified.

1 packet each of:

Beet, Early Wonder.
Broccoli, Green Sprouting.
Cabbage, Glory of Enkhuizen.
Cabbage, Marion Market.
Celery, Utah.
Celeriac, Large Smooth Prague.
Cucumber, Hallawell's Slicer.
Cucumber, Hallawell's Pickling.
Edible Soy Beans.
Endive, Curled.
Egg Plant, New York Improved.
Leek, American Flag.
Lettuce, Romaine.
Melon, Salmon Cranshaw.
Melon, Imperial No. 45.
Watermelon, Klondike.
Pepper, California Wonder.
Parsnip, Hollow Crown.
Parsley, Curled.
Pumpkin, Hallawell's Bush.
Radish, Icicle.
Squash, Banana.
Squash, Bush Scallop.
Squash, Table Queen.
Swiss Chard, Lucullus.
Tomato, Pearson.
Turnip, Purple Top White Globe.
Rutabaga, Purple Top Yellow.
1/2 Lb. Beans, Bush Lima.
1 Lb. Beans, Bountiful.
1/2 Lb. Beans, Kentucky Wonder.
1 Oz. Beet, Crosby's Egyptian.
1 Oz. Carrot, Chantenay.
1/2 Lb. Corn, Golden Cross, Bantam.
1/2 Oz. Lettuce, Hallawell's No. 847.
1 Oz. Lettuce, Hallawell's Loose Leaf.
1/2 Oz. Onion, Hallawell's Sweet Spanish.
1/2 Lb. Peas, Laxton's Progress.
1 Oz. Radish, Crimson Giant.
1 Oz. Spinach, Viroflay.

CALIFORNIA SEEDS

Hallawell's California grown flower seeds are exported to all parts of the world. For assured success try them in your garden, too.



Hallawell's MODERN NURSERY GARDENS

Located on 19th Avenue at Sloat Boulevard in the heart of San Francisco; easily reached from any part of the Bay Area and open daily, including Sundays. Visitors are always welcome.

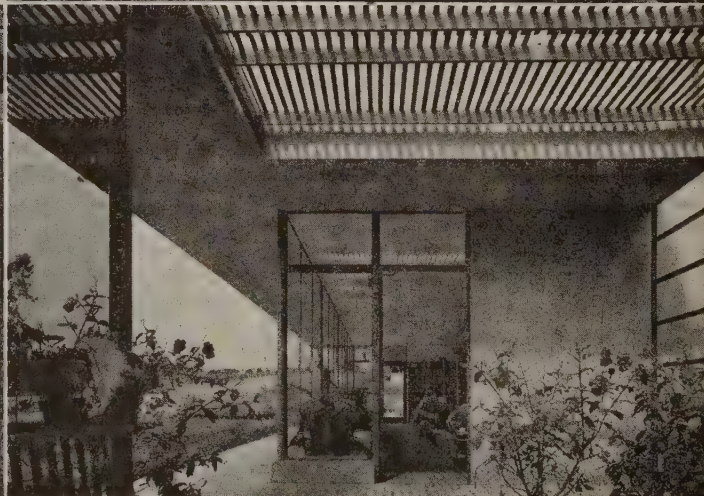
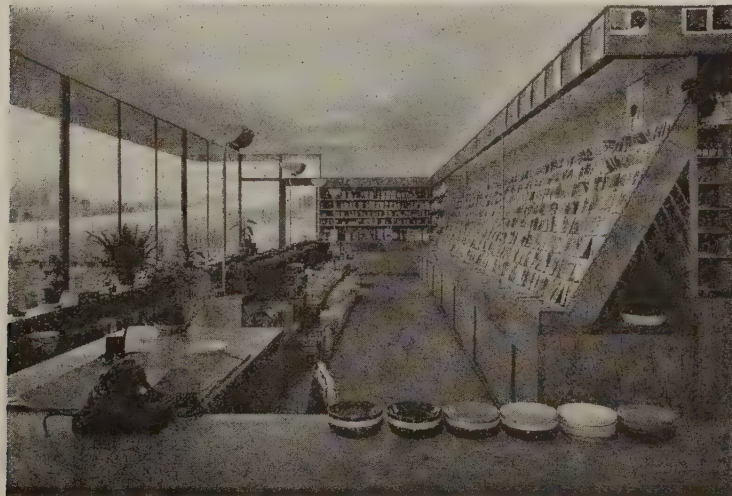
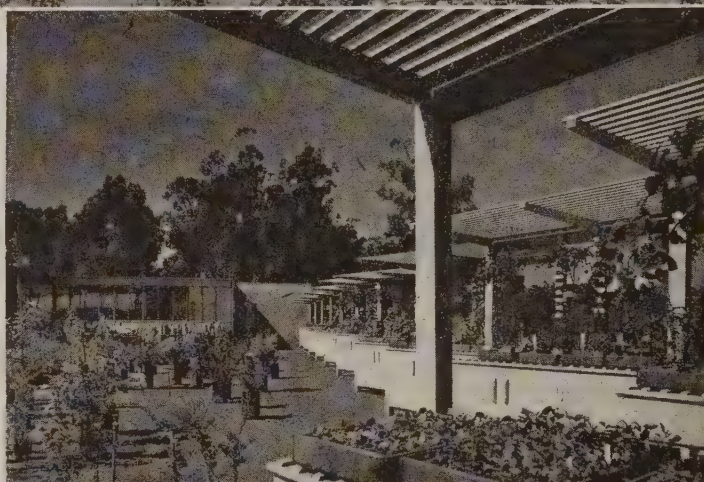
Here you will find a complete Garden Store filled with every available gardening need, streamlined for quick, efficient shopping.

THE BLUE GLASS LATH HOUSE, first of its kind, serves as a windbreak and softens the light, sheltering thousands of choice shrubs and flowering plants.

The gardens, still in process of completion, include a Victory Vegetable Garden, with rows and beds of vegetables in great variety, everything plainly labeled.

The patio is flanked by unique storage tables which serve as a windbreak and effectively display seasonal plants in flats, pots, and hanging baskets.

And from February to June the gardens are a blaze of color with tulips, daffodils, roses, and other beautiful flowering annuals and perennials.



HALLAWELL SEED COMPANY

SAN FRANCISCO SEEDSMEN and NURSERYMEN

Specializing in the Finest Quality Vegetable and Flower Seeds, Plants, Bulbs and Garden Supplies

MAIN STORE and GENERAL OFFICES

256 Market Street

SAN FRANCISCO 11, CALIFORNIA

Telephone SUtter 6593

MAIL ORDER INFORMATION

PLEASE ADDRESS ALL CORRESPONDENCE TO 256 MARKET STREET, SAN FRANCISCO, 11

MAIL ORDERS—Order by mail as often as is necessary. Even if you require only 2 or 3 packets, we are glad to send them to you. And it costs you no more for the fresh dependable seeds we send to you. They are postpaid, too, so all you have to do is to use the order blank and send your order. We give prompt attention and quick service, most of the time mail orders are sent the same day they are received. This year order all your seeds from Hallawell's.

PRICES in this catalog cancel all previous quotations, and are subject to change without notice, as well as to stock being unsold when your order is received. Money will be refunded for any items we are unable to supply. All prices conform to O.P.A. regulations where such apply.

TERMS—Remittance with order, please. We do not accept any C.O.D. orders. Charges are invited—give credit references.

ORDER EARLY—While some items may not be available when this catalog reaches you, you should place your order early, so that any such items may be sent as soon as ready, in proper planting season.

MAILING LIST—We publish two catalogs a year, one in the Spring and one in the Fall. Send us the names of anyone who would like to be on our mailing list. Please also inform us promptly of any change in your address.

POSTAGE—We pay the postage on all flower seeds, vegetable seeds, and grass seeds listed in this catalog, for mailing anywhere within continental U.S.A. Postage on Supplies should be added as indicated in **Parcel Post Rates Table**.

SALES TAX—California customers please add 2½% sales tax to remittance.

NON-WARRANTY—We exercise the greatest care to have all of our seeds, bulbs and plants of good quality and true to name, but there are many contingencies encountered in growing plants, and success is dependent on other factors besides the seeds or plants. Therefore we operate under the usual **Seedsmen's Non-Warranty**.

HALLAWELL SEED COMPANY gives no warranty, express or implied, as to the productiveness of any seeds, bulbs, or plants it sells, and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seeds, bulbs, or plants.

PARCEL POST RATES

(Approximate) from San Francisco

(The 8th zone includes U. S. Possessions)

Zone	Distance	1st Pound	Each Additional
1st	Within 50 Miles	\$0.08	1c
2nd	50-150 "	.08	1c
3rd	150-300 "	.09	2c
4th	300-600 "	.10	4c
5th	600-1000 "	.11	6c
6th	1000-1400 "	.12	7c
7th	1400-1800 "	.14	9c
8th	Over 1800 "	.15	11c

TREE AND SHRUB SEEDS

Each of the following, Pkt. 25c.

ACACIA Baileyana—Flowering tree.

" Latifolia—Windbreak.

" Melanoxylon—Street tree.

" Verticillata—Flowering shrub.

ARALIA Sieboldii—Available February to May.

CALIFORNIA HOLLY (Photinia arbutifolia).

CEANOTHUS Cyaneus—California Wild Lilac.

CEDRUS Deodora—Himalayan Cedar.

CHAMAECYPARIS Lawsoniana.

COPROSMA Bauerii—Mirror plant.

COTONEASTER Francheti.

" Pannosa.

" Parnayi.

CUPRESSUS Macrocarpa (Monterey Cypress).

EUCALYPTUS Fictifolia—Shades of red.

Globulus—(Blue Gum).

FRAXINUS Velutina (Ash).

FREMONTIA Mexicana.

GREVILLEA Robusta (Silk Oak).

HARDENBERGIA Ocata Blue—Vine.

LEPTOSPERMUM Laevigatum—Tea shrub.

LIGUSTRUM Japonicum—Privet.

NANDINA Domestica—Handsome shrub.

PINUS Insignis (Monterey Pine).

PITTOSPORUM Crassifolium.

" Eugenoides.

" Nigricans.

" Tobira.

" Undulatum.

PLUMBAGO Capensis—Trailing shrub.

PYRACANTHA Formosa.

" Yunnanensis.

SCHINUS Molle—California Pepper Tree.

SEQUOIA Sempervirens—Redwood.

" Gigantea—Giant Redwood.

SOLLYA Heterophylla—Australian Bluebell Creeper.

SPARTUM Junceum (Spanish Broom).

" Scoparium (Scotch Broom).

THUYA Orientalis Aurea.

For Year Round Gift Giving — A Hallawell Gift Certificate

HINTS FOR YOUR VICTORY GARDENS

Plant carrots, turnips, beets, onions, lettuce, spinach and celery in double rows one foot apart instead of single rows.


Sow radishes, leaf lettuce and bunching onions in beds which are later planted to other crops requiring more space.

Train pole beans, tall peas, limas, or cucumbers on heavy twine stretched between poles and wires or train on the fence.

Tomatoes are best on a stout trellis. Tie with strips of soft cloth. Pinch or prune some of side branches but not the flower clusters which grow at the opposite side of stem.

Get an extra Cabbage crop of quick maturing crops by planting with lettuce slow kinds.

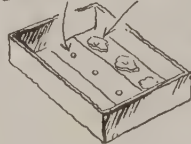
Radishes, onions, or lettuce between peppers or eggplant rows.



HOW TO PLANT SEEDLINGS IN FLATS

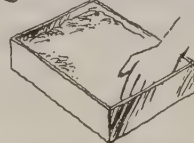
All delicate plants such as Petunias, Stocks, Snapdragons, many vegetables like Tomatoes, Peppers, Cabbage, Celery, etc., and all perennials are best grown this way from seed. It saves time, and the resulting seedlings are huskier, ready to plant out sooner and often flower earlier than those from seed sown outdoors.

① DRAINAGE HOLES



Place pieces of broken flower pots to keep drainage holes open.

② FILL



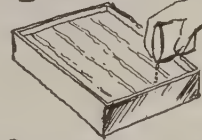
flat with soil made of equal parts of peat or leaf mold and garden loam and sand. With hand firm the soil around edges of flat

③ LEVEL

soil by drawing notched lath back and forth across surface. Notches make soil level about 1/2 inch below top of flat.



④ SOW



seed evenly either over the surface (broadcast) or in rows which can be marked with labels. Soak flat by standing in water until surface is wet.

⑤ LOOSEN

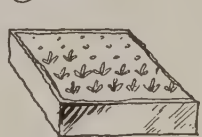


plants in flat with a putty knife or similar tool

⑥ LIFT

little seedlings with a special tool made by notching the end of a garden label, as shown.

⑦ TRANSPLANT



seedlings carefully in new flat of soil in hole made with a small dibble or pencil. Make holes 2 inches apart each way. Press soil firmly about the seedlings. Sprinkle with a fine spray of water.

When seedlings are growing vigorously transplant to the open ground in beds previously prepared by spading, working in fertilizer and raking smooth

SPRAYING GUIDE

APHIS—Aphis Spray, Destruxol, Garden Guard, Acme Rose Spray.

CATERPILLARS—Arsenate of Lead, Garden Guard, Pyrethoxide.

LAWN FUNGUS—Semesan for Brown Patch in Bent.

LAWN MOTH—Lawn-A-Gen. Kills worms and other soil pests.

MEALY BUGS—Destruxol Emulsion, apply several times.

MILDEW ON ROSES—Acme Scientific Rose Spray and Fungusol.

MILDEW ON SHRUBS—Calsul, Kopper Queen, Sulphur.

PEACH LEAF CURL—Acme Dry Lime Sulphur in Winter; Calsul in Summer.

PEACH TREE BORER—Borersol controls all borers.

ROSES—Mildew, aphid, etc., Acme Scientific Rose Spray; Fungusol.

SCALE—Destruxol Emulsion, Emo-Nik.

SLUGS and SNAILS—Bait-M, Snarol, Bug-Geta.

SOW BUGS—Destruxol Sowbug Bait is very effective.

GREEN WORMS—Arsenate of Lead, Garden Guard, Pyrethoxide.



21 million VICTORY Gardeners

America's contribution to the war effort this past year—has provided our people with a large variety of fresh vegetables, good health from active outdoor work, and well-stocked storage shelves of canned and preserved foods to supplement rationing.

This year with a greater shortage of farm labor and an increased need for food, we are called upon by our Government to increase the effort, produce more.

To the new gardeners, just starting, we suggest that a **simple plan** be drawn up. Outline the entire garden, including the paths and beds. Short beds are an advantage—they take less time to be cared for properly, and there is less tendency to over-produce any one crop.

Plant in straight rows; set stakes and stretch a taut line so the rows will be straight and the correct distance apart.

Location—The vegetable garden should be **sunny**. No common vegetable will grow well under trees or in the shade of fence or buildings. The more sun the better, but try to have sun at least half the day.

... Our Victory Gardens

North and south vegetable rows get the most benefit from the sun and naturally the taller plants should be used for background if planting along a fence or building, so the smaller ones will not be shaded.

Good soil is as essential as sunlight to growing plants. Dig in manure, peat or other organic materials to provide humus. In heavy soil humus separates the soil particles, permits the free circulation of air and water to the root system. In light sandy soils, humus serves as a sponge to retain moisture for the use of plants. Humus provides a congenial home for bacteria, improves the texture and is generally beneficial. In heavy soils it is necessary to add organic materials regularly to keep up the supply of humus.

An application of lime, cultivated into the surface soil is beneficial, and will help to improve the soil texture. Lime also corrects acidity or what is commonly called "sour" soil. Always apply lime on the surface and cultivate it in.

Sand helps to improve the texture of heavy soils and it should be scattered on the surface and cultivated in after the ground is spaded. Do not spade it into the soil. Shade plants grow better in an acid soil. To

improve the texture of heavy acid soil apply gypsum to the surface in liberal quantity, also organic materials. Cultivate them into the soil. If soil has hard-pan beneath, dig deep and break it up. This provides good drainage and insures deep rooting.

HOW TO WATER

Irrigation is necessary during the growing season. It may be done by sprinkling or by furrow. Deep moisture encourages deep rooting and sufficient water should be applied to soak down a foot or more. The daily "shower bath" is not sufficient for plants. Sprinkling by hand is not an irrigation. Sprinkle until you are tired, then you may find dry soil 2 or 3 inches beneath the surface. **One good irrigation every week or ten days** will provide deep moisture and will be sufficient in medium and heavy soils. In very hot or windy weather, more moisture may be required.

CULTIVATION

Irrigate and cultivate. After each irrigation when the surface soil has become sufficiently dry, cultivate, leaving a loose mulch of soil on top. This prevents crusting and permits air to enter and circulate. Be careful not to disturb the roots of plants. Beans and Peas need only a very light cultivation, until they begin to set flowers, after which cultivation should cease.

Dahlias should not be cultivated after they begin to bloom. Keep the weeds under control. They rob the soil of moisture and fertility. They serve a purpose, however, by making it necessary to cultivate.

THE IMPORTANCE OF GOOD FERTILIZERS

Fertilizers are very important. The food value of garden vegetables for human consumption depends greatly on their mineral content derived from the soil. The vitamin content depends on the vigor of growth and the abundance of sunlight. Therefore, the fertilizing of soil is important to insure vigorous growth and vitamin-rich vegetables.

Spade in organic fertilizers when preparing the soil and add top dressings of chemical fertilizer during the growing season. For root crops, potatoes, etc., use fertilizers high in potash and superphosphate. Fertilizers high in nitrogen stimulate top growth.

Quick growth is necessary for good quality vegetables. If plants stand for a time without growth they begin to mature and will not produce satisfactory crops. Infertile soil, too little moisture, or too cold weather may arrest growth and then the natural tendency is for the plant to go to seed. Water alone is not sufficient to grow a good garden. Plants must be fed. And the demands are great—try to visualize your garden soil beneath the surface, the network of roots from trees, shrubs, hedge, lawn, flowers and other plants, all in search of food—result, the stronger plants such as trees and shrubs rob the soil and the small shallow rooting plants starve.

SOWING SEEDS

If seeds are sown in freshly turned, moist soil, there may be sufficient moisture to sprout them without sprinkling. If the soil dries, however, sprinkle carefully, but thoroughly. Seeds germinate more quickly if the soil is firmed to them at the time of planting. Carrots and parsley and larkspur seeds are slow to sprout and should be kept thoroughly moist.

Do not expect satisfactory results from seeds sown broadcast without any soil preparation. Gardening is not that simple. Very small seeds are best sown in flats as illustrated on this page and plants should be transplanted to the garden while they are small. Most plants are benefitted by transplanting, for it tends to increase the root system. This is especially true of pansies and violas. It is not difficult to start small seeds but it does require some preparation and a little patience. By growing your own plants you have a greater choice of variety and color. Save your empty packets, or label your plants, so you will know the name and variety to plant next time.

FLOWERS

No finer morale builder than freshly cut flowers from your own garden. Plant flowers for borders, and where vegetables may not thrive. Cinerarias, for example, grow in total shade and have a long, colorful blooming season. Aquilegias, or columbines, thrive under trees, where a little sun filters through. Sweet peas may be grown on a fence or trellised.

The monthly planting calendar in this Catalog will guide you to sow flower seeds at the proper time. In the San Francisco Bay Area you can have flowers in the garden twelve months in the year. Learn to grow your own plants. It's easy from Hallawell's fresh dependable seeds. And we can easily send them to you by mail.

SPADING THE SOIL - This operation

may be done as soon as the ground is workable in spring or fall and allowed to lie idle until spring. Turn over soil, break clods, remove sticks, stones, and perennial weed roots.

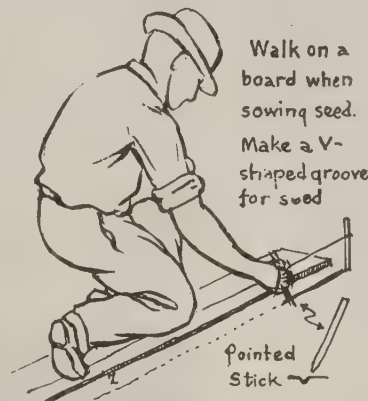
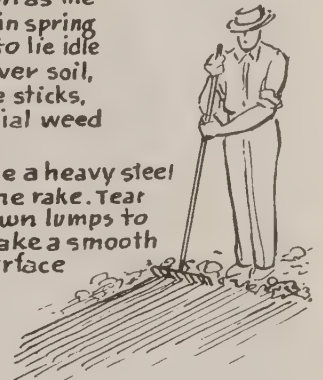


Push fork straight down full depth.

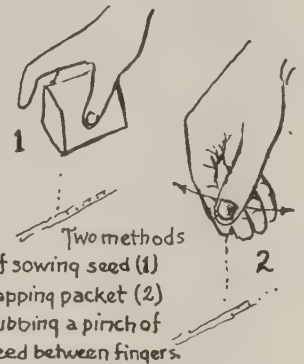
Manure or Fertilizer

• RAKING SOIL

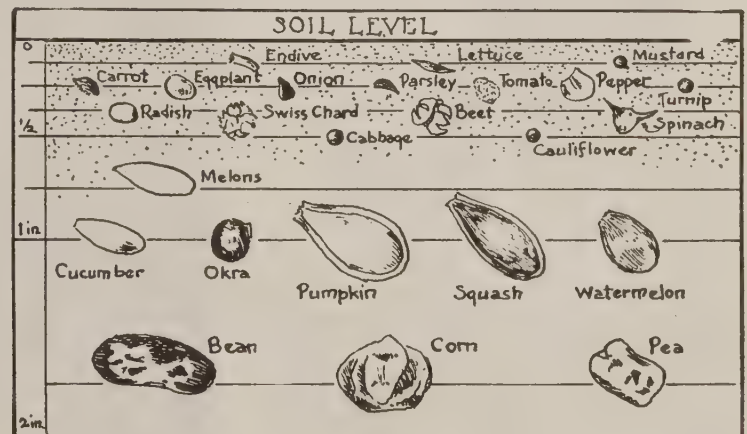
Use a heavy steel tyne rake. Tear down lumps to make a smooth surface



Walk on a board when sowing seed. Make a V-shaped groove for seed

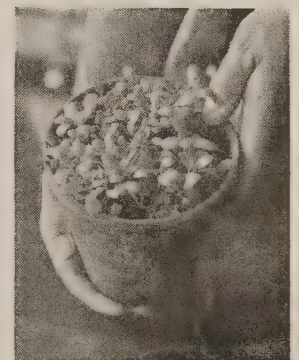


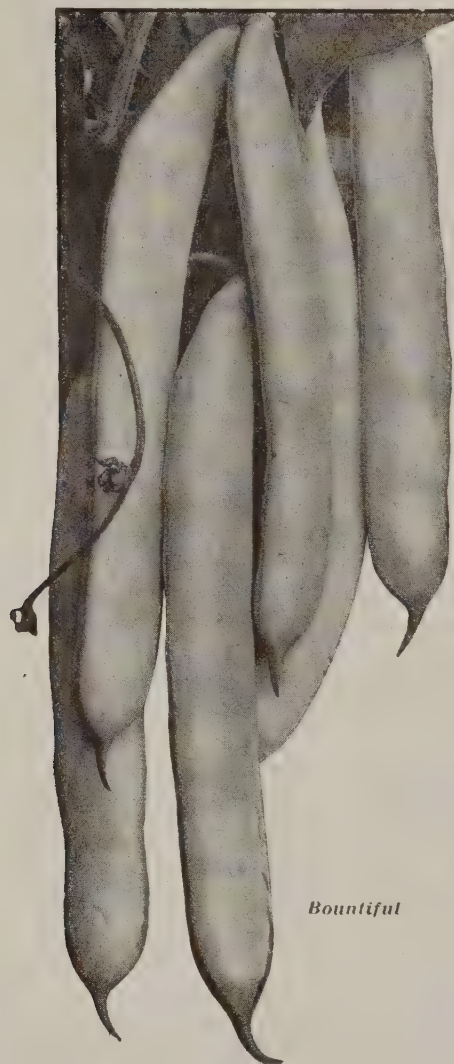
Two methods of sowing seed (1) tapping packet (2) rubbing a pinch of seed between fingers.



START SEEDLINGS IN POTS

Fill a 5 or 6 inch red clay pot with 1 inch of peat or leaf mold in the bottom, then good loam to within 1 inch of the top. Broadcast the seeds of annuals (stocks, snapdragons, etc.) on top; press the seeds into the soil; shake a little fine sand on top. Set the pot in a vessel of water, submerging it about two-thirds. When the moisture has reached the surface, remove the pot and keep in a cool place until the seeds sprout. Water as often as is necessary by again placing the pot in a vessel of water. When the plants are about 3 inches high, tap the ball of earth out of the pot, and transplant the plants to the garden.





Bountiful

LIMA BEANS

Limas are very sensitive to cold and over-moist ground and should be planted when the soil is warm. Stick the seed edgewise with the eye down into the soil, covering $1\frac{1}{2}$ to 2 inches deep. See that the soil is moist so that the beans will not require any watering until the seeds have sprouted, otherwise they may rot. Sow the bush varieties in rows $2\frac{1}{2}$ feet apart and 6 inches in the row. Plant the pole beans 3 feet apart in hills and set a pole firmly in each hill. Plant 5 or 6 beans in a hill. Plant in a rich, mellow soil and cultivate frequently. One pound of the bush varieties will plant 75 hills.

BUSH

Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 50c.

IMPROVED BUSH LIMA. Plants uniformly dwarf and enormously productive. Pods large, containing 4 to 6 large thick beans of superior quality.

HENDERSON'S BUSH LIMA. One of the most productive of the bush lima beans. Pods are small, about 3 inches long and contain 3 to 4 seeds. Green shell bean but white when fully ripe.

POLE

KING OF THE GARDEN. A vigorous and productive sort, pods very long, each containing 5 to 6 large beans of delicious flavor.

BEANS for All Purposes

Beans grow vigorously and bear so abundantly that they are one of the most satisfactory vegetable crops. Plant them when the soil is warm and for a continuous supply, make new plantings every 2 or 3 weeks. The pods are delicious if picked while they are young and tender; pick them regularly. Plant bush beans in rows 2 feet apart and about 4 inches apart in the row. Pole varieties are best planted in rows and each plant staked with a pole to stand 6 feet out of the ground.

DWARF GREEN POD

Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 50c.

BOUNTIFUL. One of the best home garden beans. Plants are large, thrifty and prolific, bearing fleshy, light green pods about 7 inches long. They are stringless and of fine quality. Under favorable weather conditions they will produce edible beans in 48 to 50 days.

BROAD WINDSOR, LONG POD (Fava). A fine variety for shelling when green. Pods are very long and the beans green and tender; endures frost.

DWARF HORTICULTURAL (Italian Bush Bean). Green beans in 53 days, and mature for green shelling in 60 days. Pods are dark green and stringless at the snap stage, becoming splashed with carmine later.

FRENCH STRING. A medium sized, prolific plant bearing silvery green pods which are stringless and tender. Pods at edible stage in about 52 days.

EDIBLE SOYBEAN. This new edible soybean is very prolific and most desirable as a green shell bean. It has a smooth, pleasing flavor unlike any other bean at the green shelling stage. Plants are erect, $1\frac{1}{2}$ feet high and will bear edible size beans in about 90 days.

STRINGLESS GREEN POD. Green beans in 53 days from planting if planted when the ground is warm. Pods are about $5\frac{1}{2}$ inches long, very fleshy, tender and stringless.

PLENTIFUL. A green flat podded bush bean; pods long, straight, brittle, and stringless. Very productive and resistant to most rusts.

DWARF WAX POD

Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 50c.

IMPROVED GOLDEN WAX. Long, straight, creamy-yellow pods of fine flavor; ready to pick in about 51 days; stringless and brittle.

PENCIL POD WAX. A leading wax bean for home and market gardens. Very productive; pods round, fleshy and golden-yellow. Entirely stringless, without fibre, and a fine brittle snap.

BLUE LAKE

BLUE LAKE (Stringless Pole). A very fine pole bean which is widely used for processing. Pods round, medium green and stringless when young. Seed is small, oval, white.

Pkt. 15c; $\frac{1}{2}$ lb. 30c; lb. 50c.

POLE BEANS

Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 50c.

HORTICULTURAL (Italian Pole Bean). Popular variety producing thick, straight and stringless pods in 70 days for snap beans; fine for green shell beans when more mature. Pods are green, becoming streaked with red in latter stage.

KENTUCKY WONDER (Old Homestead). The most widely used pole bean; fine for home or market garden. Excellent climber; thrifty, prolific. Pods are medium green 9 to 10 inches long, round, fleshy and brittle.

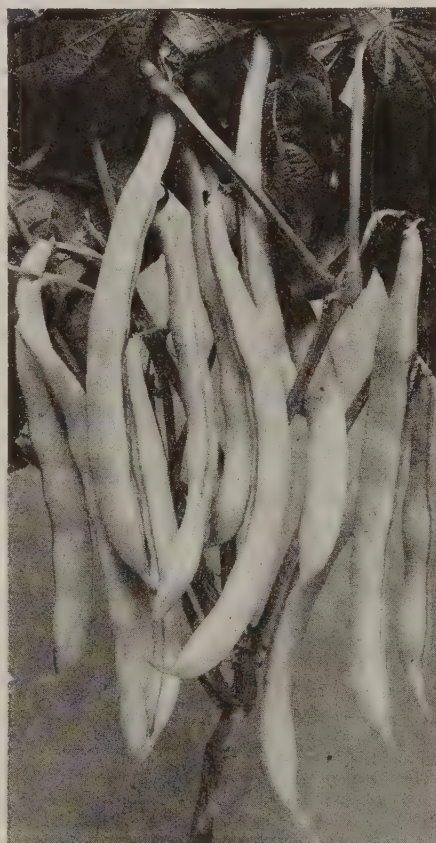
KENTUCKY WONDER WAX. An exceedingly productive variety, bearing a large quantity of rich golden yellow pods which are thick, stringless and very tender.

OREGON GIANT POLE. An early variety; pods 8 inches long, flat but fleshy and stringless. Pods are light green mottled with purple, but this coloring disappears after cooking.

POTOMAC (Pole). A new pole bean, bearing a heavy yield of straight, round, dark-green pods, stringless at all stages of growth and well flavored. Pkt. 15c; $\frac{1}{2}$ lb. 40c; lb. 75c.

SCARLET RUNNER. A great favorite; both ornamental and useful; producing dazzling scarlet flowers during the summer months.

YARD LONG (Asparagus Bean). A good table sort as well as a curious one. Pods are slender, oval, light green and tender if used when young. Used also for cover crop in small garden plots where heavy soil needs organic. Pkt. 15c; $\frac{1}{2}$ lb. 40c; lb. 75c.



Pencil Pod Wax

FOR DRY BEANS

CALIFORNIA PINK BEAN. Used only as a dry bean. Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 50c.

RED KIDNEY. Reddish brown seeds; for dry use. Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 50c.

WHITE NAVY. The common white bean so popular for baking. Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 50c.

BEETS and SWISS CHARD

BEETS

Beets may be planted the year 'round in the Bay Area, preferably at intervals to keep the supply young and tender. Sow one ounce in about 50 feet of row. Cover one inch and firm the soil to the seed. During the thinning, the small beets may be cooked with the tops on. These are very good, vitamin-rich greens. For climates where the winters are cold, sow the seeds early in Spring as soon as the ground can be worked. Late sowings may be made for winter storage.

CROSBY'S EGYPTIAN. Table or market size beets in 58 days. Roots are flat globe-shaped, with a small tap root; color purplish red; tops medium size for bunching or greens. A fine beet for home garden or for bunching.

Pkt. 10c; oz. 35c; ¼ lb. \$1.00.

EARLY WONDER. Grows very quickly and produces small beets that may be cooked with the tops, during the thinning process. Roots are semi-globular; dark purplish red with small tap root. Flesh is blood red with zones of somewhat lighter shade. Tops are medium.

Pkt. 10c; oz. 35c; ¼ lb. \$1.00.

DETROIT DARK RED. A standard variety for truckers, shippers and canners. Tops are medium, dark green tinged with red. Roots globular, smooth, uniform, with a small tap root. It is one of the darkest red beets, sweet, tender and of fine quality.

Pkt. 10c; oz. 35c; ¼ lb. \$1.00.

IMPROVED BLOOD TURNIP. A selected strain of Early Blood Turnip Beet. Flesh is blood red and of excellent quality; remains in good condition for a long time; tops are green, and medium to tall.

Pkt. 10c; oz. 35c; ¼ lb. \$1.00.

SUGAR BEET. Valuable for stock feeding. May also be used for sugar manufacturing. Roots 12 to 15 inches long.

Pkt. 10c; oz. 35c; ¼ lb. \$1.00.

MANGEL OR STOCK BEET

For main crop sow soon as the ground can be worked in rows 2 feet apart and thin to 8 inches apart in the row. Sow 6 pounds to 1 acre.

MAMMOTH LONG RED. The largest of the mangels and the heaviest cropper. The skin is red; flesh white zoned with red. This variety produces in larger amount of good feed than any other beet.

Pkt. 10c; oz. 30c; ¼ lb. 90c.

SWISS CHARD

Used for greens; culture the same as for Beets.

IMPROVED SILVER. Large dark green leaves with white midrib.

Pkt. 10c; oz. 25c; ¼ lb. 80c.

GIANT LUCULLUS. Large crumpled leaves with thick light-colored mid-ribs which are delicious when cooked and served like Asparagus, while the leafy parts make excellent "greens".

Pkt. 10c; oz. 25c; ¼ lb. 80c.

RHUBARB CHARD. This new Swiss Chard first used for ornamental purposes at the Golden Gate Exposition on Treasure Island excited the wonder and admiration of the hundreds of thousands of Fair visitors. It is not only ornamental, but edible as well, for it has a fine flavor when cooked, remains firm and retains its color. The leaves and stalks are beautiful shades of red with tints of orange and yellow to cerise. It thrives in any climate where beets will grow.

Pkt. 25c.

BROCCOLI

ITALIAN GREEN SPROUTING. An excellent vegetable for home garden or for market. An erect plant with central heads or bud clusters which are deep green when ready for cutting. This is a very well known vegetable in California. We recommend it to our Eastern friends.

Pkt. 15c; ½ oz. 50c; oz. 90c.



Broccoli



Brussels Sprouts

BRUSSELS SPROUTS

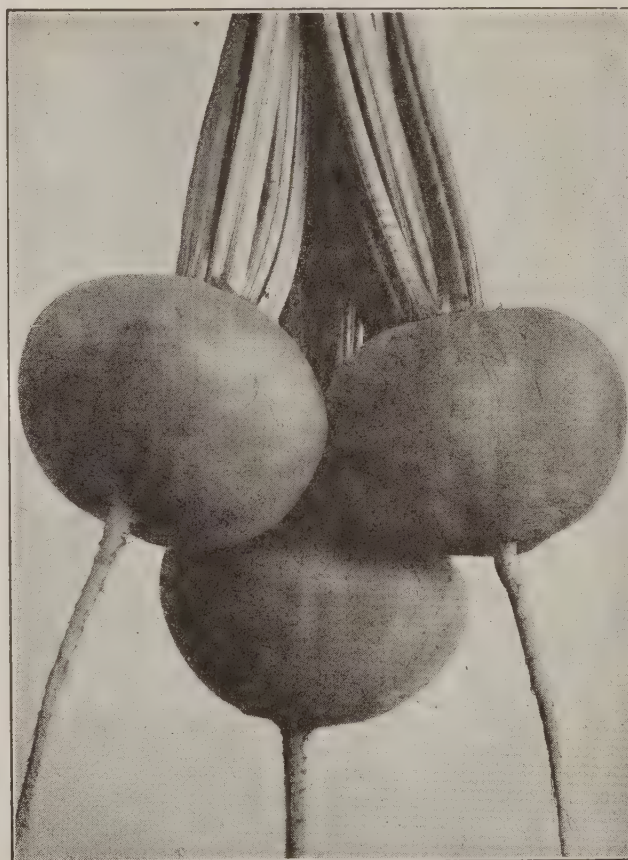
Sow and cultivate same as cabbage and set the plants in rows 2½ feet apart and 2 feet apart in the rows. One ounce will produce about 2000 plants and will mature in about 150 days. Grows 20 inches high and is well covered with small sprouts which are very solid and excellent in flavor. (Pkt. 15c; ¼ oz. 60c; oz. \$2.00.

COLLARDS

Sow the seed thickly in rows, in rich ground, transplanting when about 4 inches in height; or sow where the plants are to remain, and when well started thin to 2 or 3 feet apart.

TRUE GEORGIA. The well known popular variety. Grows from 4 to 5 feet high and forms a very large loose head. Leaves tinged with purple.

Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.



Beet, Crosby's Egyptian

ASPARAGUS

Sow seed early in Spring in drills 2 feet apart and when well started thin out to 3 inches apart. When one year old transplant into permanent beds.

PARADISE. Produces more high quality asparagus than any other variety and is considered one of the best for freezing. Cut the tips every day during cutting season. It is early and will produce a good crop one year from planting the roots or 2 years from seed. Pkt. 15c; oz. 75c; ¼ lb. \$2.25.

ARTICHOKE

Sow any time the weather is favorable, preferably in March or April. Transplant when 6 inches high in rows 5 feet apart, and 4 feet between the plants. Save offsets from best plants for new supply, as artichokes never come true from seed and some will be inferior. When transplanting seedlings reject those with spiniest leaves.

LARGE GREEN GLOBE.

Pkt. 25c.

CHIVES

A small perennial of the onion family, readily propagated from seeds and may easily be grown in a window box. Excellent for seasoning salads, soups, stew, etc.

Pkt. 15c; ¼ oz. 75c; oz. \$2.00.

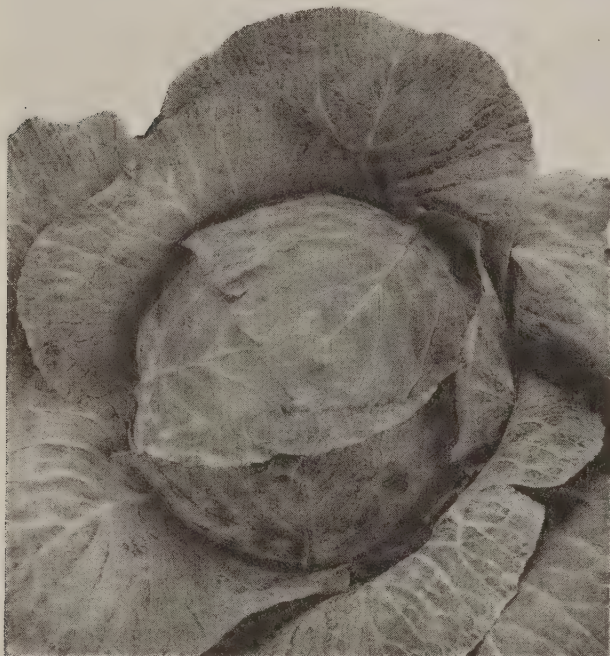
CHINESE CABBAGE

Excellent for use as salad or cooked for greens. It has wide mid-ribs at the base merging into crisp, tender leaves at the top. Culture is the same as for late cabbage. When well grown the plants may be blanched by tying loosely with bur-lap. Set 1 foot apart in the row.

Pkt. 10c; oz. 75c;

¼ lb. \$2.25.





Cabbage, Copenhagen Market

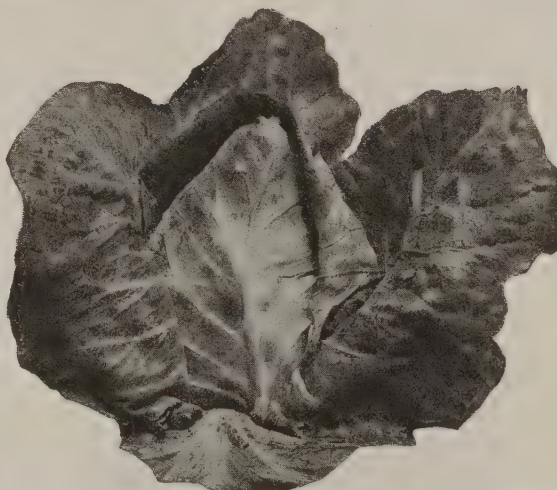
GLORY OF ENKHUIZEN. (77 days.) One of the finest second early varieties and a favorite among market gardeners. Heads are large and round; 8 to 9 inches in diameter and average 6 to 8 lbs. each. Home gardeners desiring a large variety will find this one most satisfactory.

Pkt. 10c; ¼ oz. 30c; oz. 75c; ¼ lb. \$2.25.

GOLDEN ACRE. (64 days.) The earliest round headed cabbage. Plants are compact and form solid heads weighing 3 to 5 pounds. Heads should be ready for use 62 to 64 days after transplanting.

Pkt. 10c; ¼ oz. 30c; oz. 75c; ¼ lb. \$2.25.

LARGE FLAT DUTCH. (100 days.) The best late variety in cultivation; large, round, flat, solid heads of perfect shape. Less inclined to burst than many varieties in use; rich deep green color, tender and of fine quality. Pkt. 10c; ¼ oz. 30c; oz. 75c; ¼ lb. \$2.25.



Early Jersey Wakefield

CAULIFLOWER

Culture same as cabbage. Soil must be rich and deep and the plants liberally supplied with water in dry weather. As the flower heads appear, the large leaves should be broken down over them to protect them from the sun and rain. One ounce will produce about 1500 plants and will mature in about 150 days.

EARLY SNOWBALL. The best and most popular early variety grown. It will make uniformly fine heads, even under adverse conditions.

Pkt. 25c; ¼ oz. \$1.75; oz. \$5.00.

HALLAWELL'S LATE. Large heads, well protected, very white and of excellent quality. Plants have short stems, leaves are dark-green. In the winter growing districts of California it is ready in March.

Pkt. 15c; ¼ oz. \$1.00; oz. \$3.00.

CRESS

WATER CRESS. Hardy perennial. Small oval leaves on creeping fleshy stems; used for salads and garnishing. It grows best when the roots are submerged in water; however it may also be grown in soil that is kept moist.

Pkt. 25c; 5 pkts. \$1.00.

EXTRA CURLED (Pepper Grass). A pungent member of the mustard family, well liked for salads, garnish, etc. Grows rapidly.

Pkt. 10c; ½ oz. 40c.



Water Cress

CABBAGE

In the Bay Area sow cabbage seeds during June, July and August to mature during the Winter and early Spring months. In colder Winter climates start the seeds in hotbeds or house, in time to set out when the ground can be worked. The food value of cabbage compares favorably with asparagus, spinach and tomatoes.

ALL SEASONS. (87 days.) This variety will stand the hot dry weather remarkably well and produce a splendid quality. It is a good general purpose cabbage, a good winter keeper and excellent for kraut. The heads are large, usually about 10 inches in diameter and 7 to 8 inches deep. Pkt. 10c; ¼ oz. 30c; oz. 75c; ¼ lb. \$2.25.

AMERICAN DRUMHEAD SAVOY. (90 days.) The largest heading Savoy; the quality and flavor of this crumpled-leaf cabbage is very fine. It is sweet and tender. Pkt. 10c; ¼ oz. 30c; oz. 75c; ¼ lb. \$2.25.

COPENHAGEN MARKET. (70 days.) An early variety producing fine heads weighing 10 to 12 pounds, which are very solid and of excellent quality. It is the largest of the early round varieties. Pkt. 10c; ¼ oz. 30c; oz. 75c; ¼ lb. \$2.25.

DANISH BALLHEAD. (100 days.) Heads deep round, very large and solid. Used mostly for kraut, hotel or restaurant trade. Keeps well in storage or pits.

Pkt. 10c; ¼ oz. 30c; oz. 75c; ¼ lb. \$2.25.

EARLY DWARF FLAT DUTCH. (95 days.) Matures early and makes a large solid flat head with short stems. Pkt. 10c; ¼ oz. 30c; oz. 75c; ¼ lb. \$2.25.

EARLY JERSEY WAKEFIELD. (63 days.) One of the best and most popular early varieties. Forms round, pointed heads of good size. Is very hardy and on account of its thick outside leaves is able to resist cold and other unfavorable conditions to a great extent.

Pkt. 10c; ¼ oz. 30c; oz. 75c; ¼ lb. \$2.25.

MAMMOTH RED ROCK. (100 days.) Best hard-headed, red variety. Large heads, globular and very deep red on top. Outer leaves greenish. Largely used for pickling.

Pkt. 10c; ¼ oz. 30c; oz. 75c; ¼ lb. \$2.25.

MARION MARKET. This cabbage is particularly desirable because it is highly resistant to cabbage diseases and insect pests. It has been known to produce a normal crop on yellows-infested soil, where all others failed. This should be of particular interest to some.

Pkt. 10c; ¼ oz. 30c; oz. 75c; ¼ lb. \$2.25.

MIDSEASON MARKET. (78 days.) Large globe-shaped heads on short stems. The plants grow very rapidly producing a good quality cabbage of crisp texture.

Pkt. 10c; ¼ oz. 30c; oz. 75c; ¼ lb. \$2.25.



Cauliflower, Early Snowball



Carrots, Imperator

CHANTENAY LONG TYPE—These carrots are longer than the Chantenay but the tops are shorter. The texture and color are equal to the Core Chantenay. Suitable for bunching.
Pkt. 15c; oz. 50c; ¼ lb. \$1.50.

CHANTENAY (Red Cored)—An excellent early, half-long stump-rooted variety; 5 or 6 inches long and about 3 inches thick at the shoulder. Bright orange-scarlet, heavy cropper.
Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

DANVERS HALF LONG—A rich orange-red sort, growing about 8 inches long. Largely used for table use and stock feed as well. Very productive; flesh sweet and crisp.
Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

CARROTS

The carrot is one of our most important vegetables; from a dietetic standpoint it is particularly desirable for children as it is a rich source of vitamins A, B, and C. Also its yellow coloring matter, known as carotin, is very healthful.

For garden purposes in the Bay Area, carrots may be sown any time. Sow the seed ½ inch deep in loose, well-prepared soil, preferably sandy, making rows 18 inches apart. Cultivate as soon as the plants are well established and thin to 2 or 4 inches in the row, according to the size of the variety. They grow to eating size in about 70 days. One ounce will sow over 100 feet of row.

FRENCH FORCING—A small, round, reddish orange variety, crisp and sweet; the best of this class.
Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

EARLY SCARLET HORN—This is a favorite for early crop, but not large; sold extensively in the markets bunched. The tops are small; roots top-shaped, stump rooted, therefore easily pulled. Grows well in shallow soil. Color is a deep orange; flesh fine-grained.
Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

IMPERATOR—An outstanding carrot for home garden or market. Tops are medium but strong enough for bunching. Roots have rounded shoulders, smooth, deep rich orange; uniformly tapered to a semi-blunt end. It is fine grained, tender and of excellent quality.
Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

NANTES HALF LONG CORELESS—A crisp, tender carrot of fine flavor. Flesh is reddish orange and practically coreless; tops are small. A good home or market garden variety.
Pkt. 15c; oz. 50c; ¼ lb. \$1.50.

IMPROVED LONG ORANGE—The best long carrot in cultivation; especially recommended for market gardeners and field culture. It is a good reliable variety, always depended upon for its uniformity and large crop. Grows best in light, rich, well-dug soil.
Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

OXHEART or GUERANDE—A popular short, thick variety about 4½ inches long and 3½ inches thick at the shoulder. A good variety for heavy or stiff soils; heavy cropper.
Pkt. 10c; oz. 50c; ¼ lb. \$1.50.



Chantenay, Long Type

SWEET CORN

Postpaid within the U. S. A.

Corn is sensitive to frost and may rot in cold or wet ground. Sow the seed when the soil has become warm. It will mature in 80 to 100 days and may be planted until July in hills 2 by 3 feet apart. Cover 8 or 10 seeds about 1 inch deep; thin out to 3 plants to a hill. For succession plant early sorts every two weeks until July 15. One pound will plant 100 hills. Every silk must receive a grain of pollen from the tassel if it is to form a kernel. Planting in several short rows insures better pollination.

ALAMEDA—Medium early white sweet corn used mainly in California. Ears are plump, 7-8 inches long with deep white kernels. It has a very tight husk which prevents worm injury to some extent. Grows 4½ to 5 feet tall and is very productive.
Pkt. 10c; ½ lb. 25c; lb. 45c.

BLACK MEXICAN—Medium early; the kernels are black when ripe and white when green; ears 8 inches long, well filled and exceptionally sweet.
Pkt. 10c; ½ lb. 25c; lb. 45c.

COUNTRY GENTLEMAN (Shoe Peg)—A fine corn for home garden, or for market; also used extensively for canning. It grows 6½ to 7 feet tall with 2 or more ears. Kernels are white, very deep, sweet and tender.
Pkt. 10c; ½ lb. 25c; lb. 45c.

GOLDEN BANTAM—One of the earliest varieties of sweet corn. The ears are medium size, golden yellow, tender and sweet.
Pkt. 10c; ½ lb. 25c; lb. 45c.

GOLDEN CROSS BANTAM—This is one of the new hybrid corns and a distinct improvement over the older varieties. The ears are larger and the corn is deliciously sweet. A general favorite.
Pkt. 15c; ½ lb. 40c; lb. 70c.

FIELD CORN

LEAMING—An early tall-growing variety. Kernels are long and deep golden, stalks are leafy and make excellent fodder.
Lb. 25c; 10 lbs. \$2.00.

POP CORN

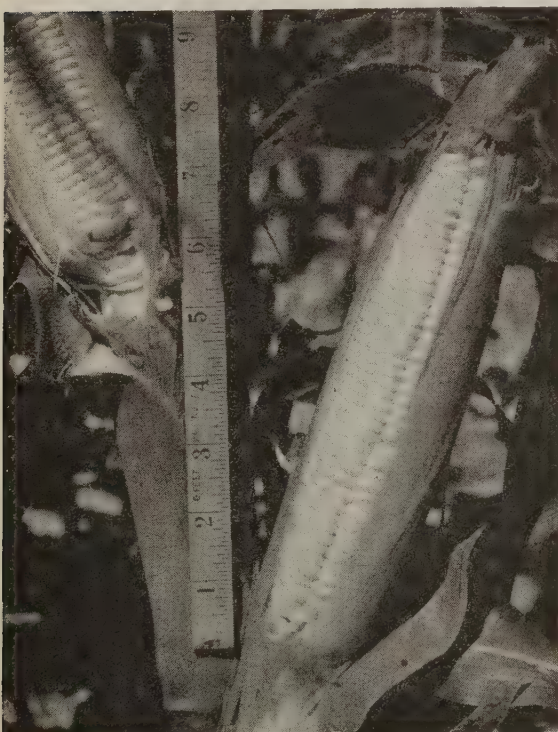
SOUTH AMERICAN GIANT—Large 12 to 16 rowed ears of golden yellow kernels which are cream white when popped.
Pkt. 10c; ½ lb. 45c; lb. 75c.

CELERY

GOLDEN SELF-BLANCHING—An early sort with a golden yellow heart; stalks are thick, crisp and of rich flavor.
Pkt. 10c; ¼ oz. 35c; oz. \$1.00; ¼ lb. \$2.50.

UTAH—Compact plants producing broad, thick, and stringless stalks; very crisp and sweet. May be blanched readily, but seems to be preferred in its natural green state.
Pkt. 10c; ¼ oz. 35c; oz. \$1.00.

CELERIAC—This is Turnip-Rooted Celery. Roots large, round and smooth, and free from side roots.
Pkt. 10c; ½ oz. 40c; oz. 75c.



Corn, Golden Cross Bantam



Cucumber, Hallawell's Slicer

COLORADO—A rich dark green variety, turning partially white when ripened. The fruit is about 7 inches long when in marketable condition and very straight and uniform in shape. Is early, and good for forcing and out-of-door culture. Pkt. 10c; oz. 35c.

GHERKIN—A very small prickly variety, very tender and sweet when picked young. Used for pickles only. Pkt. 10c; oz. 35c.

HALLAWELL'S PICKLING—Very productive pickling variety, highly esteemed by pickle makers. Medium size, thick, moderately tapering at both ends. Pkt. 10c; oz. 35c.

ENDIVE

Sow the seed $\frac{1}{2}$ inch deep in drills $1\frac{1}{2}$ feet apart, covering lightly. When the plants are about 2 inches high, thin to about 8 inches in the row. When they have attained full size, gather up the leaves, tying together at the tips to bleach the center.

GREEN CURLED—The hardiest variety grown, the midrib is wide and whitish, beautifully curled, tender and crisp; much used for garnishing.

Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.

BROAD-LEAVED BATAVIAN (Escarolle)—Leaves broad and thick and nearly plain; chiefly used in stews and soups.

Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.

DANDELION

One ounce will sow 200 feet of drill. It will mature in 6 months and should be sown in drills 18 inches apart and $\frac{1}{2}$ inch deep. The leaves are best for salads when blanched, by partly shading the rows with boards.

IMPROVED LARGE-LEAVED—The largest leaved and best cutting variety. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

HERB SEEDS

Sow early in spring in shallow drills, 1 foot apart; when up a few inches thin out or transplant.

BASIL, SWEET—The stems and seeds are used in soups and sauces.

Pkt. 10c; oz. 75c.

Each of the following 10c per packet:

CARAWAY—Height 12 to 18 inches.

CORIANDER—Seeds are used for flavoring; annual.

DILL, MAMMOTH—Leaves used in pickles and sauces; annual.

FLORENCE FENNEL—A vegetable with a flavor somewhat like Celery, but it has a sweet taste.

SAGE—Leaves used for seasoning and stuffing; excellent for bees; perennial.

SUMMER SAVORY—Height 8 to 10 inches.

SWEET MARJORAM—Leaves used both green and dried for seasoning; perennial.

THYME—Leaves used for seasoning; perennial.

KOHL RABI

Sow the seed $\frac{1}{2}$ inch deep in rows 18 inches apart, afterwards thinning to 8 or 10 inches. The bulb is the edible part and when cooked tastes very much like Turnip. Kohl Rabi will mature in 120

CUCUMBERS

Cucumbers grow best in a rich, loamy soil and should be planted when the soil has become warm. Plant the seed 4 feet apart each way, place 6 or 8 seeds in each hill and cover with one inch of fine soil. After the plants are well started thin out to 4. Cucumbers thrive on well-rotted compost and a shovelful of old manure should be placed 6 inches deep under each hill and firmly tramped down. Have the soil moist before planting so that no watering is required until the seeds have sprouted, otherwise they may rot. After they begin to set fruit, water freely. They mature in 120 days. One ounce will plant 100 hills.

HALLAWELL'S SLICER—After several years of trial we are introducing this new cucumber which we think is tops in every respect. It is the most prolific bearer in our trials, has a long season, good color and a large percentage of fruits are of fine uniform shape.

Pkt. 15c; oz. 50c.

LEMON or APPLE—A very easily grown variety for the home garden. It is lemon shaped. It is ready to eat when it begins to turn yellowish brown.

Pkt. 15c; oz. 50c.

LONG GREEN, IMPROVED—The best known and most popular variety for general use. The mature fruit is almost 12 inches long. The skin is of a deep green, and the flesh is solid, crisp and of fine quality. Pkt. 10c; oz. 35c.

STRAIGHT-8—An excellent slicing variety which was awarded the Gold Medal in the All America Trials of 1935. The vigorous plants produce dark green, symmetrical fruits 8 to 9 inches long, and $1\frac{1}{2}$ inches thick.

Pkt. 10c; oz. 35c.

EGG PLANT

A strong uniform heat is required to germinate the seeds, and a well-enriched, warm soil is necessary to perfect the fruit. Sow the seed from January to March $\frac{1}{4}$ inch deep and transplant when all danger from frost is over, $2\frac{1}{2}$ feet apart each way. One ounce will produce about 1,000 plants; will mature in 150 to 160 days.

IMPROVED NEW YORK—The most popular main crop variety. The fruit is large, very solid and of a rich shining deep purple color. Pkt. 10c; $\frac{1}{2}$ oz. 75c.

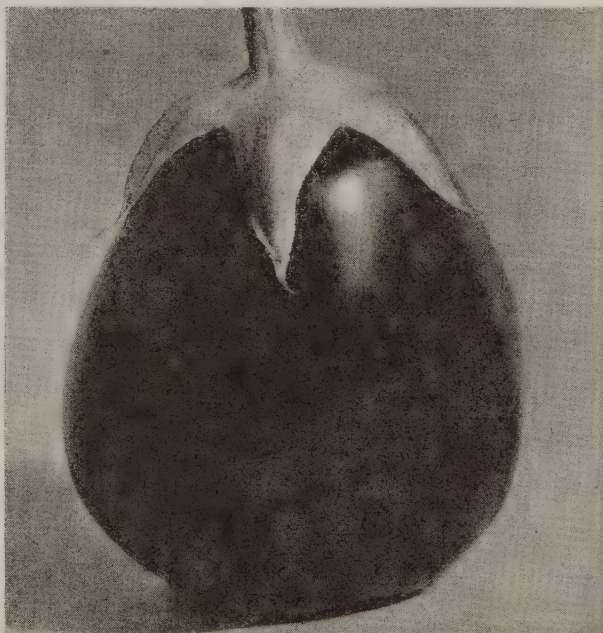
CHICORY

LARGE ROOTED—The young leaves are known as radichetta, and are excellent as salad; the roots are also used for cooking. Sow the seed $\frac{1}{2}$ inch deep early in the Spring, thin the young plants to 6 inches in the row. The plant spreads from the root and is perennial; will mature in 120 days. One ounce will sow 200 feet of row. Pkt. 15c; oz. 75c.

ASPARAGUS OR RADICHETTI—Leaves are long and cut irregularly. Cultivated chiefly for the tender young shoots.

Pkt. 15c; oz. \$1.00.

WHITLOOF (French Endive)—Pkt. 25c.



Egg Plant, Improved New York

days and may be sown from January to May and from July to October. One ounce will sow 200 feet of row.

EARLY WHITE VIENNA—

Pkt. 10c; $\frac{1}{2}$ oz. 60c; oz. \$1.00.

EARLY PURPLE VIENNA—

Pkt. 10c; $\frac{1}{2}$ oz. 60c; oz. \$1.00.

LEEK

Sow in drills 1 foot apart and $\frac{1}{2}$ inch deep. When the plants are 6 to 8 inches high transplant in rows 12 inches apart and 4 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. One ounce will sow 200 feet of row.

LARGE AMERICAN FLAG—The favorite variety. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

KALE

Sow the seed thinly in the open from early Spring until the middle of August. Thin to about 12 inches apart. One packet will sow a 30-foot row; one ounce about 200 feet. Widely used for greens.

JERSEY OR THOUSAND HEADED—A strong growing sort with smooth leaves, often 6 to 8 feet high; grown largely for green feed for chickens. Pkt. 10c; oz. 50c.



Kohl Rabi, Early White Vienna

LETTUCE

Market Gardeners please ask for quantity prices.

Lettuce is a cool weather crop and where the climate is not too severe it may be grown during the winter months. Head varieties especially require cool weather for the heads to be firm. San Francisco summer climate is ideal for lettuce and it may also be grown during the winter months.

The seed requires a temperature of 65 degrees or cooler to germinate and when planted in very warm soil may fail to sprout. Sow the seeds where the plants are to remain and thin. Leaf lettuce may be grown thick in the row, but head varieties require more room.

BIBB—Small, emerald-green heads of crisp, tender leaves, blanching to rich yellow in the center. Pkt. 15c; oz. 40c.

COSBERG—Generally speaking, lettuce is a cool weather crop but here is one for the home garden that heads better than any of them in summer weather. The heads are small and compact, outer leaves are yellowish-green, crumpled and frilled. Pkt. 10c; oz. 35c.

HALLAWELL'S 847 (Los Angeles)—A large, crisp, tight-heading variety; light green curly leaves. There is no waste in preparing as all the leaves can be used. The heads are large and of fine quality. We recommend this variety above all others. Pkt. 10c; oz. 35c.

ICEBERG—Large solid heads; light green, slightly tinged with brown; very tender and crisp. Pkt. 10c; oz. 35c.

MIGNONETTE—Heads small, compact; leaves slightly curled; edges tinted brown. Especially suitable for the Hawaiian Islands and other tropical climates. Pkt. 15c; oz. 40c.

OAK LEAF—Small, leaf type lettuce which withstands the summer heat without becoming bitter. Pkt. 15c; oz. 40c.

PARIS WHITE COS or TRIANON—This type of lettuce forms long upright loose folding heads and the inner leaves bleach white. It is usually preferable to tie up the heads to assist bleaching. Very crisp and sweet. Pkt. 10c; oz. 35c.

WHITE BOSTON—A popular butterhead variety; medium sized head, buttery-yellow heart of excellent flavor. Pkt. 10c; oz. 35c.

LOOSE LEAF VARIETIES

These do not form heads but large plants of loose leaves which are quite brittle and tender.

EARLY CURLED SIMPSON—Forms a close, compact mass of leaves; matures very early. Pkt. 10c; oz. 25c.

HALLAWELL'S LOOSE LEAF—Leaves are brownish red, very curly and of fine flavor. Makes a compact bunch. Pkt. 10c; oz. 35c.

CHICKEN LETTUCE—Sends up a stout stalk 3 to 4 feet high, loaded with leaves; for poultry and rabbits. Pkt. 10c; oz. 35c.

MUSKMELON

A light, warm, rich soil is essential for this crop. When all danger from frost is over, plant the seed in slightly raised hills 4 feet apart each way, placing 6 to 8 seeds in each hill and covering with one inch of fine soil. Place a shovelful of old manure about 6 inches under each hill and tamp down firmly. Have the soil moist before planting so that no watering is required until the seeds have sprouted. After plants are well established, thin out to 3 plants to a hill. Muskmelons mature in 120 to 140 days. One ounce will plant about 50 hills.

DELICIOUS GOLD LINED ROCKY FORD—Fruit is heavily netted, slightly oval with no ribs. Has green flesh with a gold margin next to the seed cavity; thick meat and of fine flavor. Pkt. 10c; ½ oz. 35c; oz. 60c.

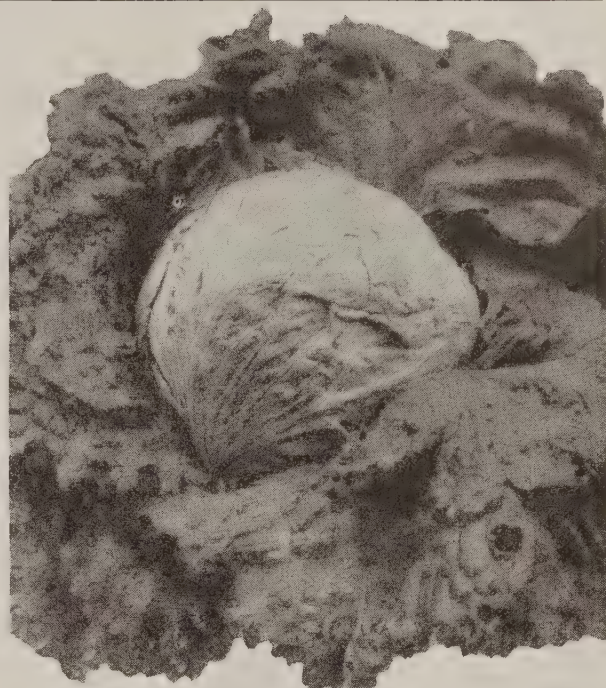
IMPERIAL No. 45 (Mildew Resistant)—This early melon is nearly round, heavily netted, and has thick deep salmon-pink flesh of rich flavor. It keeps well after picking, and the mildew resisting quality assures melons of excellent flavor. Pkt. 10c; ½ oz. 35c; oz. 50c.

PERSIAN (Small Type)—A globular melon, 6 to 8 inches in diameter; heavily netted without ribs; orange flesh of delicious flavor; good keeper. Pkt. 10c; oz. 50c.

ROCKY FORD—Fruit is slightly oval and slightly ribbed with netted skin. Has thick dark green flesh of delicate flavor, with a small seed cavity. Pkt. 10c; ½ oz. 35c; oz. 60c.

SALMON CRANSHAW—Deliciously sweet, fine flavor and a luscious, smooth melting texture. A fine home garden or market melon. Pkt. 15c; ½ oz. 60c; oz. \$1.00.

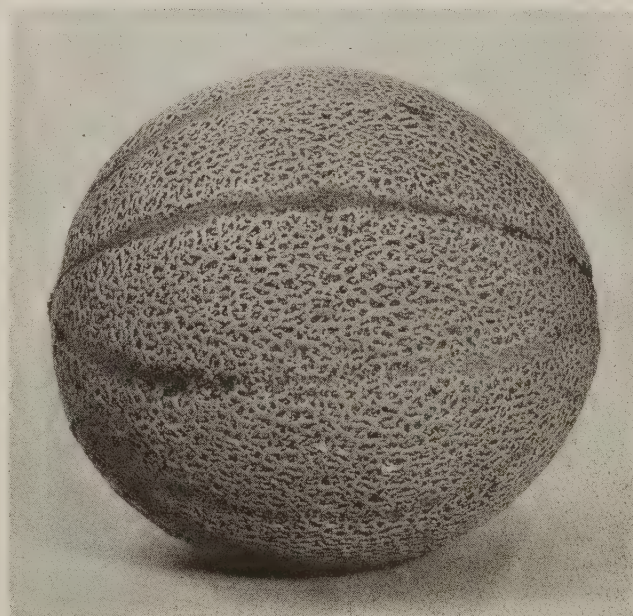
TIP TOP—The melons are of medium size and nearly round, well ribbed and slightly netted over a light green skin. The flesh is quite thick and bright salmon in color. Very richly flavored. Pkt. 10c; ½ oz. 35c; oz. 60c.



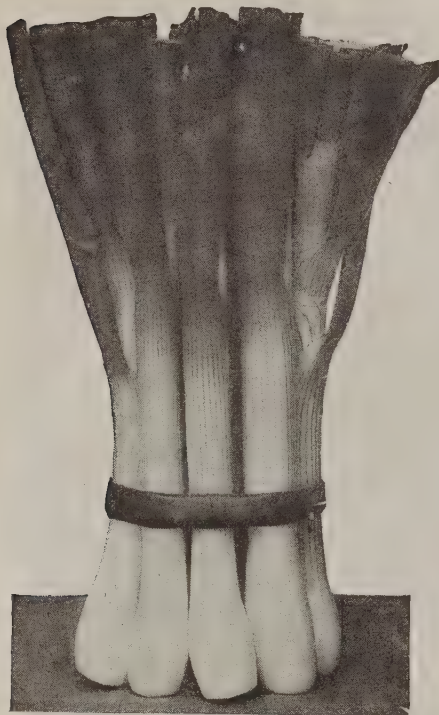
Lettuce, Hallawell's 847



Lettuce, Hallawell's Loose Leaf



Imperial No. 45



Bunching Onion

Market Gardeners please ask for quantity prices. Onions thrive in a reasonably fertile, well drained soil. Seed may be sown in the open ground and the plants thinned or in beds from which they may be transplanted. In mild winter climates sow the seed about September for mature Spring onions and November through February for mid-Summer and later harvest. Mature onions are better grown from seed than from sets. 1 oz. of seed will sow about 200 feet.

AUSTRALIAN BROWN—Extra long keeper and sure cropper. Early and very hardy. The skin is a rich brown, solid white flesh, crisp and of sweet mild flavor. Should be planted early on low, wet ground to get large bulbs. Pkt. 15c; ¼ oz. 35c; oz. \$1.00.

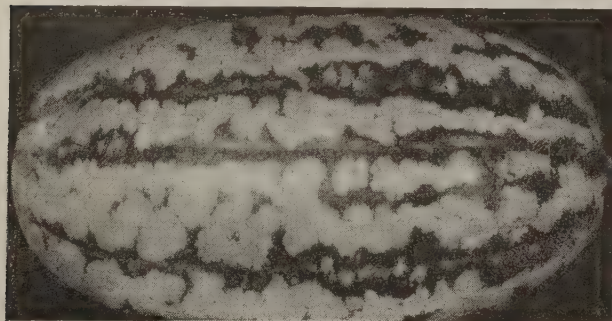
BUNCHING ONION (White)—The best for early small green onions. Pkt. 15c; ¼ oz. 35c; oz. \$1.00.

EARLY SWEET SPANISH—If you live in a short season climate, plant this very early onion. It is sweet, mild and a heavy producer. In mild winter climates seeds sown in September and transplanted to the field in November or December will mature in April or May for an early market crop. The general shape is oval; the upper half flat to rounded; the lower half tapered, and white. Pkt. 15c; ¼ oz. 35c; oz. \$1.00.

SOUTHPORT WHITE GLOBE—A large globe-shaped sort; pure white color, mild flavor and fine keeper. Pkt. 15c; ¼ oz. 35c; oz. \$1.00.



Riverside Sweet Spanish



Watermelon, Klondike Striped

ONIONS

HALLAWELL'S MULTIPLE ONION—It actually grows 4 to 6 onion shoots from a single seed the first season. These shoots grow into green bunching onions; they do not form bulbs. They are hardy and may be wintered over in cold climates. In the Bay Area they will continue growing throughout the winter months. Pkt. 25c; ¼ oz. 35c; oz. \$1.00.

RED WETHERSFIELD—This is the standard red variety. Large size, form flat but thick; skin purplish red; flesh firm and mild. Heavy cropper. Pkt. 15c; ¼ oz. 35c; oz. \$1.00.

HALLAWELL'S SWEET SPANISH—Large brown globe shaped onion, unusually mild with excellent flavor. Splendid for shipping as well as for storage. Pkt. 15c; ¼ oz. 35c; oz. \$1.00.

TORPEDO (Long Red)—A sweet, mild onion, ideal for salads, slicing and for garnish. Is long oval-shaped, purplish red. One of our most popular home garden varieties but planted also by Market Gardeners for local market. For mature onions sow seeds in beds and transplant to rows. For mild green onions sow thick in the open ground. Pkt. 15c; ¼ oz. 35c; oz. \$1.00.

WHITE PORTUGAL or SILVER SKIN—The favorite white variety, of medium size with clear white skin and mild flavor. It is an excellent keeper and also a good variety for growing for pickles. Pkt. 15c; ¼ oz. 35c; oz. \$1.00.

WHITE SWEET SPANISH—Probably the largest of the white onions; as sweet and mild as our Riverside Sweet Spanish. When transplanting or thinning be sure to give them plenty of room. For mature onions they should be at least 6 inches apart. For green onions sow the seeds thick in the row. Pkt. 15c; ¼ oz. 35c; oz. \$1.00.

YELLOW GLOBE DANVERS—This is one of the best storage varieties and it matures in early mid-season if seeds are sown during late Fall in mild winter climates. In colder climates seeds may be sown in December or January and transplanted to the field in March. They are the popular medium size, globe shaped and pale yellow color. Home gardeners plant seed thick in the row, use for green onions and leave remainder 3 or 4 inches apart for mature onions. Pkt. 15c; ¼ oz. 35c; oz. \$1.00.

ONION SETS—For young onions. Plant 2 inches deep and 2 inches apart in drills which should be 12 inches apart. One pound will plant about a 50-foot row. Lb. 40c; postpaid 50c.

WATERMELONS

The culture of watermelons differs from that of muskmelons mainly in that the hills should be from 8 to 10 feet apart, according to the variety grown. An effort should be made to secure good strong vines early in the season, and this can best be done by taking care that the hills are large, mellow, and well drained, with the manure placed so that they will not dry out quickly under hot sun. Plant the seeds thickly and when danger of frost is over, thin the plants to four of the strongest in each hill. All possible protection from insects should be given the young plants and their growth may be still further hastened by frequent application of liquid manure. They mature in 120 to 140 days. As a protection from insects, netting is frequently used. One ounce will plant about 25 hills.

BLACK SEEDED CHILIAN—A fine melon for the home garden; of medium size, nearly round, black seed and red flesh of excellent flavor. Pkt. 10c; oz. 25c.

FLORIDA FAVORITE—A splendid melon of very large size and excellent quality. Fruit long, dark green, mottled and striped; rind thin but firm. Flesh bright deep red; very sweet and tender. Pkt. 10c; oz. 25c.

KLECKLEY SWEET or MONTE CRISTO—A very desirable melon for home use or nearby markets. Fruit of medium to large size, oblong, dark green. Flesh bright red and very sweet. Pkt. 10c; oz. 25c.

KLONDIKE (Rust Resistant)—A new selection. It is the same size and has dark pink, crisp and sweet flesh of fine quality. Pkt. 10c; oz. 25c.

KLONDIKE, STRIPED (Rust Resistant)—A new selection. It is the same size and has much the same qualities as Klondike. Fruit is striped dark and light green resembling the Georgia Rattlesnake. Pkt. 10c; oz. 25c.

TOM WATSON—A very large, long melon with dark green skin. Flesh bright red; very sweet and tender. Rind thin but tough, making it a good shipping sort. Pkt. 10c; oz. 25c.

STORING MELONS

GOLDEN BEAUTY CASABA—A melon to store for late Fall use. At maturity the color is golden; skin wrinkled; flesh white. It has a very pleasing flavor. Pkt. 10c; oz. 35c.

HONEY DEW MELON—Round melons with firm well-flavored flesh. Suitable for storing. Pkt. 10c; oz. 35c.



PEAS

Postpaid within U. S. A.

Peas are generally considered a cool weather crop and may be grown during the winter months where the climate is mild. In San Francisco they may be planted any month in the year. Plant 1 lb. to 100 feet of row.

EARLY VARIETIES

Pkt. 10c; ½ lb. 30c; lb. 50c.

ALASKA—Height 24 to 30 inches; a very early variety with smooth, small peas of good quality, and short well filled pods. This is a hardy winter sort and usually the peas will not rot in cold wet soil. Pkt. 10c; ½ lb. 25c; lb. 45c.

AMERICAN WONDER—An extra early sort and a heavy cropper, ready to pick in 45 to 50 days from time of planting. The vines require no support as they only grow 12 to 15 inches high.

LAXTON'S PROGRESS—The largest podded of any extra early dwarf variety. Pods pointed, dark green, well filled with extra large tender peas of excellent flavor; very prolific. 18 to 24 inches tall.

THOMAS LAXTON—Unsurpassed for the home garden. Grows 3 to 3½ feet tall producing large dark-green pods filled with large tender peas.

LATER VARIETIES

Pkt. 10c; ½ lb. 30c; lb. 50c.

DWARF TELEPHONE—A dwarf variety producing large pods like Telephone; very prolific and of fine quality; height, 18 inches to 24 inches.

MELTING SUGAR or EDIBLE POD—A prolific variety bearing brittle pods, which are cut or broken and cooked like Beans. The pods are very large, broad and extremely tender; finely flavored. 4½ feet tall.

TELEPHONE—One of the latest varieties, is tall and vigorous, with enormous pods, bearing large wrinkled peas of remarkably fine quality; a popular home garden and market variety; requires staking.



PARSNIPS

Sow the seed in rows 2 to 3 feet apart and cover about ½ inch. When seedlings are well established, thin to 5 or 6 inches apart in the row. In deep mellow soil they will grow to more than a foot long. A packet will sow about 15 feet; 1 ounce to 200 feet.

HOLLOW CROWN—The most popular variety. The roots which are creamy white are smooth, tender and of excellent flavor. Pkt. 10c; oz. 35c.

OKRA or GUMBO

Sow the seed when the ground has become warm, in rows 3 feet apart, 1 inch deep; thin to 18 inches apart in the rows. One ounce will sow 100 feet of row; matures in about 75 days.

PERKINS MAMMOTH POD—Pods deep green, very long, slender and slightly corrugated; very tender and of good quality.

Pkt. 10c; oz. 25c; ¼ lb. 75c.

MUSTARD

Sow seed in early spring and make successive sowings every 10 days until midsummer. Sow seed thinly in rows about a foot apart. One ounce will sow about 200 feet of row.

SOUTHERN GIANT CURLED—The leaves are large, light green with a tinge of yellow and much crimped and frilled at the edges.

Pkt. 10c; oz. 25c; ¼ lb. 75c.

PARSLEY

Used for garnishing and seasoning soups, meats, etc. Sow thickly at any season in rows 1 foot apart and ¼ inch deep; thin out plants to stand 6 inches apart in the rows. The seed is slow in germinating, taking from 3 to 4 weeks to start, and often failing to come up in dry weather. To assist its coming up quicker, soak the seed a few hours in warm water or sprout in damp earth, and sow when it swells or bursts. One ounce will sow 200 feet of row.

DOUBLE CURLED—A curled variety very hardy and easy to grow. Deep rich green.

Pkt. 10c; ½ oz. 25c; oz. 40c.

EXTRA TRIPLE CURLED—Very fine curled variety of dark green color.

Pkt. 10c; ½ oz. 25c; oz. 40c.

EVERGREEN—Dense plants of deeply cut dark green foliage.

Pkt. 10c; ½ oz. 25c; oz. 40c.

PEPPERS

Sow ¼ inch deep in hotbeds and, when danger from frost is over, transplant in rows 2 feet apart and 18 inches in row, in good rich ground. They mature in 140 to 150 days.

ANAHEIM CHILI—A large thick-meated "Chili" of recent introduction, being 7 inches or more long, very fleshy, with a slight pungency.

Pkt. 10c; ½ oz. 50c.

CALIFORNIA WONDER—The best large fruited sweet pepper; very smooth, heavy and free from wrinkles. Meat exceedingly thick, tender and of the finest flavor.

Pkt. 10c; ½ oz. 75c; oz. \$1.35.

HUNGARIAN YELLOW WAX—A first early pepper; medium slender, tapering; about 1¼ inches in diameter at top and 6 inches long. The waxy yellow fruits are smooth and very pungent; plant is dwarf and prolific.

Pkt. 10c; ½ oz. 50c.

LARGE BELL or BULL NOSE—A large, early bright red variety of mild flavor.

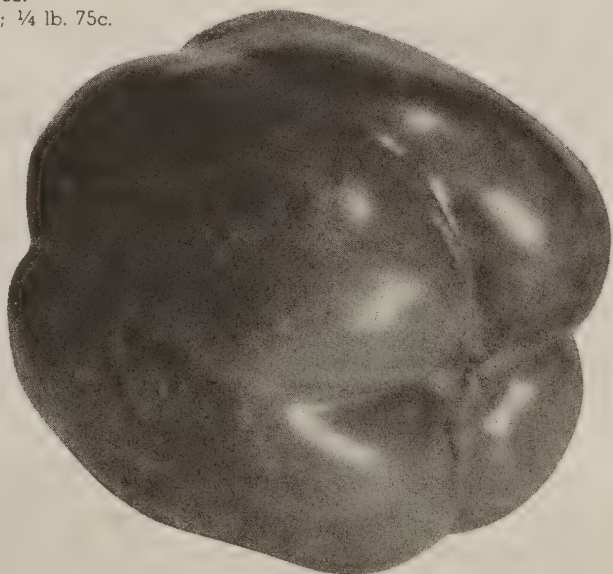
Pkt. 10c; ½ oz. 50c.

RED CHILI—Small, bright red, very pungent and productive.

Pkt. 10c; ½ oz. 50c.

PIMPLETO—Heart-shaped peppers about 3 inches long; mild thick flesh; sweet and well flavored.

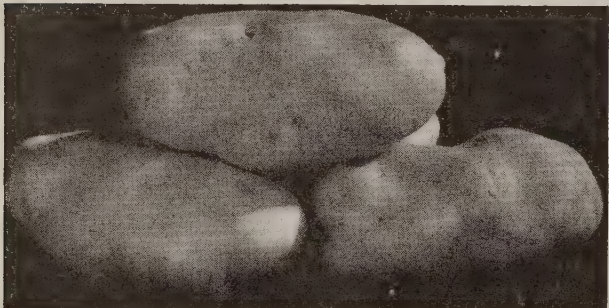
Pkt. 10c; ½ oz. 75c; oz. \$1.35.



Pepper, California Wonder



British Queen



Burbank



White Rose

PUMPKIN

Plant after all danger of frost is over in hills 8 feet apart each way. Cover seed 1 to 2 inches deep, leaving 3 strong plants to a hill. In other respects they are cultivated as Melons and Cucumbers. Pumpkins mature in about 100 days. One ounce will plant about 25 hills.

CONNECTICUT FIELD—This variety produces over 20 tons to the acre. A fine large orange-colored variety, used for stock feeding. The skin is smooth and ribbed and the flesh is brittle and sweet. Pkt. 10c; oz. 25c; ¼ lb. 75c.

CUSHAW STRIPED—The good old solid, thick, crookneck Cushaw. Fine for cooking and a very heavy producer. They grow 18 to 20 inches long and weigh about 12 pounds. Pkt. 10c; oz. 25c; ¼ lb. 75c.

GOLDEN CUSHAW—Prolific crookneck type of rich golden color. Thick and solid flesh of good quality. Pkt. 10c; oz. 25c; ¼ lb. 75c.

HALLAWELL'S BUSH—A new bush pumpkin in small size suitable for home gardens. Pkt. 10c; ½ oz. 35c.

All prices conform to O.P.A. regulations where such apply

MAMMOTH KING—Skin reddish-yellow; bright yellow flesh. Very productive and generally grown for stock feed. Pumpkins weighing 40 to 60 pounds are not unusual on fertile soil. Pkt. 10c; oz. 25c; ¼ lb. 75c.

SUGAR or NEW ENGLAND PIE—For making pies this variety cannot be excelled. The pumpkins are round and small, but very sweet, fine grained, and of the best quality. Pkt. 10c; oz. 25c; ¼ lb. 75c.

RHUBARB SEED

CRIMSON WINTER—This rhubarb comes fairly true from seed, and a large percentage of plants will bear good edible stalks. (For quick growth it is better to plant roots.) Pkt. 10c; ½ oz. 60c.

SEED POTATOES

Hallawell's Certified and War Approved Grades

Clean, healthy stock to produce the best potatoes. Postage or transportation charges are extra. Please include postage in your remittance if they are to be sent by parcel post.

CULTURE TIPS—Plant as early as the ground can be thoroughly worked in rows 3 feet apart and 15 inches in the rows for early potatoes and 18 inches apart for late ones; covering in light warm soil about 6 inches, and in heavy soil about 4 inches deep, draw the earth to the plants as they advance in growth. Ten pounds will plant 125 feet of row. Cut the tubers into good-sized pieces, each containing not less than two or three eyes.

BURBANK—Late maturing, yields abundantly.

Certified Seed—10 lbs. 65c; 50 lbs. \$3.25; 100 lbs. \$5.44. Postage extra or express collect.

EARLY WHITE ROSE—Medium early, smooth, good quality.

Certified Seed—10 lbs. 65c; 50 lbs. \$3.25; 100 lbs. \$5.44. Postage extra or express collect.

BRITISH QUEEN—Medium early.

War Approved Seed—10 lbs. 60c; 50 lbs. \$3.00; 100 lbs. \$4.94. Postage extra or express collect.

NOTE—The above are ceiling prices. Potatoes available in 10-lb., 50-lb. and 100-lb. bags only.

See page 11 for Parcel Post rates.

RADISH

Radishes thrive best in a light, rich, mellow soil, and to bring out their mild qualities they must make a quick and tender growth. Sow early in spring and well into summer for succession, in well-manured, deeply dug and finely raked soil; if not well stimulated into a rapid growth, they become fibrous and tough; sow in drills 10 inches apart and ½ inch deep, and thin to 2 inches in the rows. Sow at intervals of two or three weeks until September for a succession. They mature in 25 to 40 days. One ounce will sow 100 feet of row.

EARLY SPRING AND SUMMER VARIETIES

CRIMSON GIANT—This variety is suitable for forcing or for early planting out of doors. A round radish of large size and remaining in good condition for a long time. Pkt. 10c; oz. 25c; ¼ lb. 75c.

EARLY SCARLET TURNIP—A valuable variety for forcing or outdoor culture. Is a small, turnip-shaped variety; and in color entirely crimson. Pkt. 10c; oz. 25c; ¼ lb. 75c.

EARLY SCARLET GLOBE—A popular forcing variety owing to its very quick growth and fine, bright scarlet color. Shape, a trifle oblong. Pkt. 10c; oz. 25c; ¼ lb. 75c.

SPARKLER—One of the most popular varieties. It is globe-shaped, bright rose-carmine with bottom and tip clear white. Very valuable for forcing as well as for the home garden. Pkt. 10c; oz. 25c; ¼ lb. 75c.

FRENCH BREAKFAST—Scarlet, with white tip; shape nearly oval; good for forcing or summer sowing. Pkt. 10c; oz. 25c; ¼ lb. 75c.

ICICLE—A delicious and attractive white variety; about 5 inches long, with sloping top and pointed root. Quick growing, brittle and mild in flavor. Pkt. 10c; oz. 25c; ¼ lb. 75c.

FALL AND WINTER VARIETIES

Sow winter varieties in July and August as they make their best growth in autumn; before using put in cold water, which adds to their freshness.

CALIFORNIA MAMMOTH WHITE WINTER, or CHINESE WHITE WINTER—Is really a Chinese radish, grown by the Chinese in California; 8 to 12 inches long, and from 2 to 3 inches in diameter; solid and of good flavor; white in color and exceedingly crisp and tender. Pkt. 10c; oz. 25c; ¼ lb. 75c.

ROUND BLACK SPANISH—This is a large, black-skinned radish; flesh white and firm, and of a peculiarly rich, delicious flavor. Pkt. 10c; oz. 25c; ¼ lb. 75c.



Sparkler



Pumpkin

SQUASH

Plant summer squash in the Spring as soon as the soil is warm; the bush varieties in hills 4 feet apart and the running sorts about 8 feet each way.

Plant winter squashes later and leave them on the vines until full matured. They may be stored for winter use.

SUMMER VARIETIES

EARLY WHITE BUSH SCALLOP—A very early variety, with flat, creamy white scalloped squashes, 4 to 6 inches in diameter. The vine is bush in habit and rather dwarf. This variety is the common "Pattypan" squash. Pkt. 10c; oz. 25c; ¼ lb. 75c.

BENNING'S BUSH SCALLOP—An improved bush squash which has become very popular in California. Fruits are about the size of the well-known scallop squash but are a green tinted color when young. A very desirable garden and market variety. Pkt. 10c; oz. 25c; ¼ lb. 75c.

ENGLISH VEGETABLE MARROW (Long White)—Skin greenish yellow; flesh white, soft and rich flavor. Pkt. 10c; oz. 50c.

FOOTLONG (Bush)—Cylindrical fruits of Italian Marrow type which grow to a foot long within two or three days after they are formed, and are deliciously tender when picked that size. A favorite way to prepare them is to slice round, dip in egg batter and fry or bake as you would egg plant. Pkt. 15c; oz. 50c; ¼ lb. \$1.50.

HALLAWELL'S STRAIGHTNECK BUSH—This is a very desirable squash for home garden, or for market. The fruits are bright lemon yellow; warted, with straight necks for easy packing. It is prolific and under favorable conditions will be ready for picking in 50 days from planting. Pkt. 15c; ½ oz. 30c; oz. 50c.

IMPROVED GRAY ZUCCHINI—A delicate green color at the edible stage. Very early and most prolific. Pkt. 10c; oz. 60c.

ITALIAN MARROW, ZUCCHINI (Dark Green Strain)—The popular Italian squash. A delicious family garden squash which is also a leading market variety. Pkt. 10c; oz. 25c; ¼ lb. 75c.

YELLOW SUMMER CROOKNECK—A well-known summer variety. The fruit is crooknecked, rich golden yellow and thickly warted; very tender when young. Pkt. 10c; oz. 25c; ¼ lb. 75c.

WINTER VARIETIES

BANANA—A wonderful yielder and good keeper, 2 to 3 feet long, with a tough whitish green shell and delicious tasty meat. Very fine for winter. Pkt. 10c; oz. 25c; ¼ lb. 75c.

HUBBARD—The best known winter sort; of superior quality; large size. Fruit heavily warted, dark green in color with orange flesh. Pkt. 10c; oz. 35c; ¼ lb. \$1.00.

TABLE QUEEN (Danish)—Cut in halves and baked this is a very tasty squash. It weighs about 1½ lbs., is dark green outside with rich yellow flesh of delicious flavor, and matures early. Pkt. 10c; oz. 25c; ¼ lb. 75c.

SALSIFY

(VEGETABLE OYSTER)

Sow in drills 15 inches apart, covering the seeds with fine soil ½ inch in depth. When the plants are strong enough, thin them out to about 3 inches apart. It will mature in 150 days. One ounce will sow 50 feet of row.

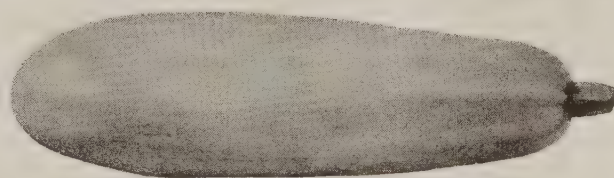
MAMMOTH SANDWICH ISLAND—An entirely distinct variety of this vegetable. It is considered very nutritious and wholesome when properly cooked, with a flavor like that of oysters. Pkt. 10c; oz. 25c; ¼ lb. 75c.



Spinach



Squash, Gray Zucchini



Squash, English, Vegetable Marrow



Squash, Black Zucchini

SPINACH

Select very rich, well-drained soil, sow in drills 1 foot apart and ½ inch deep. For spring and summer use make the first sowing early in spring and continue at intervals of two or three weeks, until the middle of June; sow in August and September for winter and early spring use; will mature in about 45 days. One ounce will sow 100 feet of row.

BLOOMSDALE (Long Standing)—The thick, dark green leaves are curled and crinkled. Remains a long time in condition for use without bolting to seed even in dry weather. Pkt. 10c; oz. 20c; ¼ lb. 50c.

KING OF DENMARK—An exceptionally long standing sort, highly desirable for canning, or for market. The large spreading plants carry broad, rounded dark green leaves, which are somewhat crumpled. Good spring and summer variety. Pkt. 10c; oz. 20c; ¼ lb. 50c.

GIANT NOBEL—Plant is large, vigorous and spreading; slow to form seed stalks and an extremely heavy yielder. Leaves are thick, smooth, medium green and tender. Home gardeners plant at regular intervals and begin using while plants are young. Pkt. 10c; oz. 20c; ¼ lb. 50c.

HOLLANDIA—A popular California spinach, grown for market and early canning crop. The plants are large and of spreading habit, producing smooth, thick, light green leaves. It grows very rapidly. Pkt. 10c; oz. 20c; ¼ lb. 50c.

IMPROVED VIROFLAY—A vigorous growing variety with long, broad, pointed, thick, smooth leaves of deep green color. Especially good for Fall and Winter planting in California. Home gardeners should make small plantings at regular intervals and use while it is young. Pkt. 10c; oz. 20c; ¼ lb. 50c.

NEW ZEALAND—Thrives in hot weather; produces tender green tips throughout the summer. It is not a true spinach but is prepared for eating in the same way. When the tips are cut new ones will grow immediately; both the young stems and the thick leaves are tender and brittle. Pkt. 15c; oz. 50c; ¼ lb. \$1.50.

PRICKLY SEEDED or FALL—A hardy variety adapted for fall planting, but is also very satisfactory for spring planting in the home garden. The thick, dark green leaves are large and rounded. Pkt. 10c; oz. 20c; ¼ lb. 50c.

HALLAWELL'S TOMATOES

It requires 5 to 6 weeks to grow tomatoes from seed to transplanting size. Sow the seeds in a hotbed or a shallow box and when they are about 2 inches tall, transplant them to Plant Bands, or to another box, spacing them about 4 inches apart each way so they may be removed easily when transplanted to the garden.

Plant outdoors when the ground is warm and there is no danger of frost. They thrive in full sun.

BONNY BEST—A good general purpose tomato; excellent for forcing under glass; also a fine canning and shipping variety. Fruits are deep scarlet red; medium large, flattened globe-shape; smooth and firm. Pkt. 10c; ½ oz. 50c.

EARLIANA—A good early tomato for home or market. Fruits are of medium size; flattened globe; and deep scarlet red. Pkt. 10c; ½ oz. 50c; oz. 85c.

HALLAWELL'S EARLY—A fine early variety, especially adapted to California growing and shipping. Fruits are nearly globe-shape; bright scarlet and well protected by sufficient foliage to prevent sunburn. Where space is limited in the home garden, these may be trained up to a single stem. Pkt. 10c; ½ oz. 50c.

MARGLOBE—A second early sort which produces large, smooth, meaty, globular, red fruit which ripens uniformly and is relatively free from cracks. Extremely heavy cropper and resistant to wilt. Pkt. 10c; ½ oz. 50c.

NORTON or WILT RESISTANT STONE—Very prolific. The fruit is bright red, smooth and thick. Pkt. 10c; ½ oz. 50c.

PEARSON—This fine tomato was developed by the California College of Agriculture. It is one of our best canning and shipping varieties with a protective skin that prevents cracking. The fruits are medium large; semi-globe shaped; and an attractive scarlet color. The heavy sets of fruits are protected by ample foliage, but the vine tends to compactness. Pkt. 15c; ½ oz. 75c.

PONDEROSA or BEEFSTEAK—One of the largest varieties of irregular shape but very solid. Pkt. 10c; ½ oz. 50c.

PRITCHARD (Scarlet Topper)—A fine early tomato with large, smooth, globular fruits ripening to a clear scarlet right up to the stem end. A good home and market variety; wilt-resistant. Pkt. 10c; ½ oz. 50c.

RUTGERS—A vigorous and productive tomato for canning or market. Fruits to ½ pound are borne on strong branches which held them well above ground. Fruits are globular bright red, with thick walls and small seed shells. It is an excellent tomato. Pkt. 15c; ½ oz. 60c; oz. \$1.00.

SCARLET CANNER—A very fine main crop tomato for market or home garden. Fruits are solid, containing few seeds; globe shaped and a bright scarlet color. Grown under normal conditions it is one of our most prolific varieties. Home gardeners should plant this tomato with Hallawell's Early to prolong the season. Pkt. 10c; ½ oz. 50c.

STONE—One of the largest and most solid late varieties. Fruit is very smooth, large and uniform in size; bright scarlet, unsurpassed for canning and slicing. Pkt. 10c; ½ oz. 50c.

VICTOR—The highly publicized new tomato introduced by the Michigan State College. It is early; fruits are about 3 inches in diameter; globe-shaped and ripen to a deep scarlet. It is recommended for first early home or market. Pkt. 15c; ½ oz. 50c.

YELLOW PONDEROSA—A good yellow tomato is much to be desired. This one is deep yellow, solid and mild flavored. Fruits are very large, flat, somewhat rough and the plants are strongly resistant to wilt. Pkt. 15c; ½ oz. 50c.

SMALL FRUITED TOMATOES

HUSK or GROUND CHERRY, YELLOW PLUM, RED PLUM, RED CHERRY. Any of the above. Pkt. 10c; ¼ oz. 60c.

RED and YELLOW PLUM MIXED. Pkt. 10c; ¼ oz. 60c.

SAN MARZANO—An Italian variety extensively used for the manufacture of paste and powder. Fruits are about 1¼ inches broad and 2½ to 3 inches long, rounded at ends, and flat sided, interior is thick and devoid of juicy pulp. Color bright scarlet. Very productive. Pkt. 10c; ¼ oz. 60c.

TOBACCO

CONNECTICUT SEED LEAF—The hardiest variety in cultivation. One of the best sorts for cigar wrappers. Pkt. 10c.



Pearson



Tomato, Bonny Best

TURNIPS

Sow the seed in early Spring, broadcast, or in rows. For Fall and Winter crop, sow in July or August. Turnips do not require a rich soil. A packet will sow a 50-foot row; an ounce about 250 feet. Broadcast 2 to 4 pounds per acre. They mature in 60 or 70 days.

GOLDEN BALL or ORANGE JELLY—A globe-shaped yellow variety of medium size; flesh firm and crisp. An excellent table variety. Pkt. 10c; oz. 25c.

PURPLE TOP WHITE GLOBE—A valuable sort for either table use or stock feeding. Roots globe-shaped, white with purple top. Flesh white, firm and tender; very large. Pkt. 10c; oz. 25c.

WHITE EGG—Roots are white and egg-shaped, about 3½ inches long; smooth, fine grained and of excellent quality. Pkt. 10c; oz. 25c.

RUTA BAGA OR SWEDES
AMERICAN PURPLE TOP, or LONG ISLAND—One of the best and most popular yellow fleshed varieties. It is yellow below ground, with purple top above. A fine table or stock feeding variety. Pkt. 10c; oz. 25c.

ALL PRICES CONFORM TO
O.P.A. REGULATIONS
WHERE SUCH APPLY

SEASONS TO PLANT VEGETABLES IN CENTRAL CALIFORNIA

VARIETY	When to Sow	Maturess in About	Depth to Plant	One Ounce Will Sow a Row	Quantity for 1 Acre	Put Rows Apart	Distance Apart in the Row
Artichoke Plants...	January—April.....	Next season.....				5 feet.....	4 feet.....
Asparagus Seed...	February—April.....	Third Spring.....	1 inch.....	100 feet.....	4 to 5 lbs.....	2 feet.....	3 inches.....
Asparagus Roots...	January—April.....	Next Spring.....	3 inches.....			4 to 6 feet.....	1 foot.....
Beans, Bush.....	April 15—August.....	45 to 65 days.....	1½ to 2 inches.....	1 lb. to 50 feet.....	50 lbs.....	2 feet.....	4 inches.....
Beans, Pole.....	April 15—August.....	65 to 75 days.....	1½ to 2 inches.....	1 lb. to 100 hills.....	25 lbs.....	4 ft. hills.....	4 ft. hills.....
Beets.....	All year round.....	65 to 75 days.....	1 inch.....	50 feet.....	6 lbs.....	18 inches.....	3 to 4 inches.....
Broccoli.....	July—October.....	150 to 200 days.....	½ inch.....	1,500 plants.....	2 to 3 ounces.....	2½ feet.....	1½ feet.....
Brussels Sprouts...	{ January—April..... July—October..... }	150 days.....	½ inch.....	2,000 plants.....	2 to 3 ounces.....	2½ feet.....	2 feet.....
Cabbage, Early.....	{ January—April..... July—October..... }	105 days.....	½ inch.....	2,000 plants.....	2 to 3 ounces.....	2 feet.....	1½ feet.....
Cabbage, Late.....	{ January—April..... July—October..... }	150 days.....	½ inch.....	2,000 plants.....	2 to 3 ounces.....	2½ feet.....	2 feet.....
Carrot.....	All year round.....	60 to 90 days.....	½ inch.....	100 feet.....	3 to 4 lbs.....	1½ feet.....	2 to 4 inches.....
Cauliflower.....	June—January.....	150 days.....	½ inch.....	1,500 plants.....	2 to 3 ounces.....	2 feet.....	1½ feet.....
Celery.....	February—June.....	6 months.....	¼ inch.....	4,000 plants.....	2 ounces.....	2 feet.....	6 inches.....
Collards.....	All year round.....	100 days.....	½ inch.....	2,000 plants.....	2 to 3 ounces.....	2 feet.....	2 feet.....
Corn.....	April 15—July 15.....	80 to 100 days.....	1 inch.....	1 lb. to 100 hills.....	15 lbs.....	3 ft. hills.....	2 ft. hills.....
Corn Salad.....	August—November.....	100 days.....	½ inch.....	50 feet.....		15 inches.....	4 to 6 inches.....
Cucumber.....	April 15—June 15.....	120 days.....	1 inch.....	100 hills.....	3 lbs.....	4 ft. hills.....	4 ft. hills.....
Dandelion.....	May and June.....	6 months.....	½ inch.....	200 feet.....		18 inches.....	8 inches.....
Egg Plant.....	February—April.....	150 to 160 days.....	¼ inch.....	1,000 plants.....	3 ounces.....	2½ feet.....	2½ feet.....
Endive.....	June—October.....	100 days.....	½ inch.....	100 feet.....	4 lbs.....	1½ feet.....	8 inches.....
Kale.....	{ January—April..... July—October..... }	90 to 120 days.....	½ inch.....	2,000 plants.....	2 to 3 ounces.....	2 feet.....	1½ feet.....
Kohl Rabi.....	{ January—May..... July—October..... }	120 days.....	½ inch.....	200 feet.....	4 lbs.....	1½ feet.....	8 inches.....
Lettuce.....	All year round.....	65 to 90 days.....	¼ inch.....	200 feet.....	4 lbs.....	1½ feet.....	6 inches.....
Muskmelon.....	April 15—June.....	120 to 140 days.....	1 to 2 inches.....	50 hills.....	3 lbs.....	4 ft. hills.....	4 ft. hills.....
Watermelon.....	April 15—June.....	120 to 140 days.....	1 to 2 inches.....	25 hills.....	3 to 4 lbs.....	8 ft. hills.....	8 ft. hills.....
Mustard.....	February—May.....		¼ inch.....	200 feet.....	2 to 3 lbs.....	1½ feet.....	3 inches.....
Okra.....	April 15—June 15.....	75 days.....	1 inch.....	100 feet.....	8 lbs.....	3 feet.....	1½ feet.....
Onion.....	November—March.....	150 days.....	¼ to ½ inch.....	200 feet.....	4 to 5 lbs.....	1 foot.....	4 inches.....
Parsley.....	All year round.....	60 to 75 days.....	¼ inch.....	200 feet.....	3 lbs.....	1 foot.....	6 inches.....
Parasnisps.....	February—September.....	125 days.....	½ inch.....	200 feet.....	3 lbs.....	1½ feet.....	8 inches.....
Peas.....	All year round.....	8 to 12 weeks.....	2 to 3 inches.....	1 lb. to 100 ft.....	80 to 150 lbs.....	1½ to 3 feet.....	2 inches.....
Pepper.....	February—March.....	140 to 150 days.....	¼ inch.....	1,000 plants.....	3 ounces.....	2 feet.....	1½ feet.....
Potatoes.....	January—May.....	3 to 5 months.....	4 to 6 inches.....	8 lbs. to 100 ft.....	500 to 600 lbs.....	3 feet.....	15 to 18 inches.....
Pumpkin.....	April 15—June.....	100 days.....	1 to 2 inches.....	25 hills.....	5 lbs.....	8 ft. hills.....	8 ft. hills.....
Radish.....	All year round.....	30 to 45 days.....	½ inch.....	100 feet.....	10 lbs.....	1 foot.....	1 to 2 inches.....
Rhubarb.....	January—May.....	Second Spring.....	½ inch.....	150 feet.....	1 lb.....	3 feet.....	3 feet.....
Rhubarb Roots.....	January—April.....	Next Spring.....	1 inch.....			6 feet.....	3 feet.....
Salsify.....	February—September.....	150 days.....	½ inch.....	50 feet.....	8 lbs.....	15 inches.....	3 inches.....
Spinach.....	All year round.....	45 days.....	½ inch.....	100 feet.....	8 lbs.....	1 foot.....	3 inches.....
Squash, Summer.....	May—June.....	65 days.....	1 to 2 inches.....	25 hills.....	4 to 6 lbs.....	3 to 4 ft. hills.....	3 to 4 ft. hills.....
Squash, Winter.....	May—June.....	150 days.....	1 to 2 inches.....	15 hills.....	3 to 4 lbs.....	6 to 8 ft. hills.....	6 to 8 ft. hills.....
Tomato.....	February—May.....	150 days.....	¼ inch.....	2,500 plants.....	¼ lb.....	4 feet.....	4 feet.....
Turnip.....	August—April.....	60 to 70 days.....	½ inch.....	200 feet.....	3 to 4 lbs.....	12 to 15 inches.....	3 to 4 inches.....

KNOW YOUR SUBJECT — BOOKS FOR EVERY GARDEN NEED

Books Sent Postpaid.

PLOWMAN'S FOLLY—By Edward H. Faulkner. A fascinating book, completely reversing the age-old practice of plowing. We believe the author's theory extremely thought-provoking, and recommend this book to those who are interested in modern ideas. \$2.00.

GARDEN BULBS IN COLOR—By MacFarland Hutton and Foley. Pictures in color 231 varieties of bulbs. Practical, brief cultural notes, all alphabetically arranged. Interesting and helpful. \$2.00.

FLOWER ARRANGEMENT—By F. F. Rockwell and Esther Grayson. Probably the most practical book on the subject for the use of the gardener and home maker, 199 pages — 33 halftones. \$3.00.

HORTUS, 2nd—By Dr. L. H. and E. Z. Bailey. This concise dictionary of plants has been entirely revised, enlarged and reset. Brief descriptions, botanical and common names. Also notes on culture and propagation. \$12.00.

THE GARDENERS HOW BOOK—By Chesla C. Sherlock. Do you have many garden questions to ask. Here is the book to answer them. Concise information and directions in convenient reference form. 351 pages. \$3.50.

GARDENING INDOORS—By F. F. Rockwell. This absorbing book tells how to keep a complete indoor garden in luxuriant bloom and foliage the year round. Pest control and plant arrangement. \$2.50.

LAWNS—By F. F. Rockwell. Tells what is necessary to start a lawn right, how to lay it out, how to keep it growing vigorously, control of weeds, pests and other useful information. \$1.25.

HARDY CALIFORNIANS—By Lester Rowntree. The author says in her preface "This is not another garden book; nor a handbook of California Wild Flowers". It conveys something of the loveliness and the garden possibilities of native California plants. \$3.50.

WAR GARDENS—By Langley. A very helpful book for Victory Gardeners. 75c.

OUTDOOR LIVING ROOM—By L. W. Ramsey and Chas. Lawrence. Pictures and text show how home owners may enjoy the benefits of an outdoor garden room. \$2.50.

THE PRUNING MANUAL—By Dr. L. H. Bailey. Good pruning information for all kinds of trees. Many illustrations. \$3.50.

HOW TO GROW ROSES—By McFarland and Pyle. Every step in the successful growing of roses is made clear in this book. Covers pest control, winter protection, pruning, etc. \$1.00.

ROCK GARDEN AND ALPINE PLANTS—By H. Correvon. With the aid of this famous book you may choose from the 542 kinds of rock and alpine plants and grow the best in your garden. 560 pages, 33 illustrations. \$3.50.

RHODODENDRONS and AZALEAS—By Dr. Clement G. Bowers. 568 pages, 7½x10; 28 full-page color plates, 8 full-page halftones and many line cuts. A remarkably comprehensive and authoritative work on very interesting subjects. \$10.00.

SUNSET COMPLETE GARDEN BOOK—Complete and authoritative collection of Western gardening information. \$1.00.

SUNSET VISUAL GARDEN MANUAL—More than 800 step-by-step drawings. Very helpful. \$1.00.

SUNSET FLOWER ARRANGEMENT—Presents a simplified approach for practical application in your home. \$1.00.

STANDARD CYCLOPEDIA OF HORTICULTURE—By Dr. L. H. Bailey. 3 volumes, 3639 pages, 7½x10¾. Approximately 4000 genera, 15,000 species, 40,000 plant names, more than 4,000 illustrations. \$20.00.

THE VEGETABLE GARDENERS HOW BOOK—By Sherlock. This alphabetically arranged book covers vegetable gardening, fruit and small fruit culture. Illustrated; 226 pages. \$3.00.

THE GARDEN CLINIC—By Laurence Blair. Cultural information on annuals and perennials, bulbs and flowering shrubs. 146 pages. \$2.00.

PLANTS IN THE HOME—By Frank K. Balthis. A discussion of plants suitable for various environments in the house; those that thrive in dry hot rooms to those that flourish in sunny windows. \$2.50.

GARDENING WITH HERBS FOR FLAVOR AND FRAGRANCE—By Helen Fox. Herbs in the garden, over the stove and in the ice box are described by this gardener who has grown them. 190 pages on culture, 44 pages recipes, etc. \$2.50.

AZALEAS and CAMELIAS—By H. H. Hume. Their adaptability and value, species and varieties, propagation, soils, cultivation and care. 102 pages of invaluable information. \$1.75.

VEGETABLE GARDENING IN COLOR—By Daniel J. Foley. 255 pages, 150 color plates. A colorful parade of recommended varieties of vegetables and berries. Information on soil preparation, tools, insects, etc. \$2.50.

MODERN FRUIT PRODUCTION—By Gourley and Howlett. A full up-to-date book on the practical aspects of modern fruit production. How to make grafts, train vines and other helpful information for the orchardist. \$6.00.

MY FRIEND THE ROSE—By Francis E. Lester. A fireside conversation with a man whose very creed of living is founded on what his roses have taught him. The story of the rose. \$2.50.

GARDENING IN CALIFORNIA—By Sydney B. Mitchell. How to have a California garden that is pleasing all the year round. A discussion of bulbs, annuals, shrubs. What to do every month in the year. \$2.50.

GARDEN FLOWERS IN COLOR—By G. A. Stevens. A most unusual garden book. Contains 320 pages with more than 450 colored illustrations. \$2.50.

CALIFORNIA WILD FLOWERS—By Mary Elizabeth Parsons. The names, haunts, and habits of the many California Wild Flowers. Probably the most complete of its kind. 417 pages. \$3.50.

HALLAWELL'S PLANTING CALENDAR

FOR SAN FRANCISCO BAY AREA

JANUARY

FLOWERS—Sow in open ground—Abronia, Alyssum, Bartonla, Calendula, Candytuft, Centaurea, Clarkia, Cosmos, Cynoglossum, Didiscus, Godetia, Gilia, Gypsophila, Larkspur, Mignonette, Nemophila, Poppies, Virginian Stock, Sweet Peas, California Wild Flowers.

Sow in flats—Carnations, Cinerarias, Dahlia, Lobelia, Nierembergia, Nemesia, Pansy, Petunia, Stocks, Snapdragon.

BULBS—Amaryllis, Yellow Calla, Caladium, Canna, Gladiolus, Gloxinia, Iris Kaempferi, Lily of the Valley.

TREES and SHRUBS—Flowering Trees, Fruit Trees, Berries, Grapes, Rhubarb, Azaleas, Camellias, all Shrubs, Perennial Plants, Perennial Phlox, Roses, Tree Roses.

VEGETABLES—Beets, Carrots, Endive, Lettuce, Parsley, Peas, Potatoes, Radish, Spinach.

FEBRUARY

FLOWERS—Sow in open ground—Abronia, Ageratum, Alyssum, Calendula, Candytuft, Centaurea, Cheiranthus, Clarkia, Cosmos, Cynoglossum, Godetia, Gypsophila, Hunnemannia, Larkspur, Mignonette, Phlox, Poppies, Virginian Stock, Sweet Peas, California Wild Flowers.

Sow in flats—Alonsoa, Anchusa, Arctotis, Asters, Dahlias, Gaillardia, Lobelia, Mathiola, Nierembergia, Petunia, Marigold, Nemesia, Pansies, Petunia, Salpiglossis, Schizanthus, Stocks, Snapdragons, Verbena.

BULBS—Amaryllis, Cannas, Gladiolus, Tigridia, Tuberous Begonias, roots of Hardy Phlox.

TREES and SHRUBS—Azaleas, all Flowering Trees, Camellias, Rhododendrons, Evergreen Shrubs, Vines.

VEGETABLES—Beets, Carrots, Eggplant, Onion Sets, Parsley, Peppers, Potatoes, Radish, Squash, Tomato Seeds.

MARCH

FLOWERS—Sow in open ground—Ageratum, Alyssum, Brachycome, Calendula, Candytuft, Centaurea, Clarkia, Cosmos, Godetia, Gypsophila, Gourds, and all Vine Seeds, Linaria, Mignonette, Virginian Stock, Nasturtium, Phlox, Viscaria.

Sow in flats—Agatheia, Alonsoa, Asters, Celosia, Coleus, Dahlias, Gaillardia, Gomphrena, Lobelia, Mathiola, Meconopsis, Marigolds, Nemesia, Nierembergia, Petunia, Pansies, Salpiglossis, Schizanthus, Stocks, Snapdragons, Verbena.

BULBS—Begonias, Dahlias, Cannas, Gladiolus, Tigridias.

VEGETABLES—Beans, Beets, Carrots, Cucumbers, Egg Plant, Kale, Melons, Okra, Parsley, Peppers, Pumpkin, Radish, Salsify, Squash, Tomatoes.

LAWNS—Bent Grasses, Hallawell's Evergreen Lawn Grass, Hallawell's Lawn Carpet, Hallawell's Park Lawn Mixture.

APRIL

FLOWERS—Sow in open ground—Ageratum, Alyssum, Brachycome, Calendula, Candytuft, Cosmos, Godetia, Gypsophila, Gourds and all Vine Seeds, Lavatera, Linaria, Mignonette, Mirabilis, Nasturtium, Nigella, Phlox, Salpiglossis, Tithonia, Zinnias.

Sow in flats—Asters, Celosia, Coleus, Gaillardias, Gomphrena, Impatiens, Mathiola, Meconopsis, Mesembryanthemum, Marigolds, Petunia, Salpiglossis, Schizanthus, Snapdragons, Verbena, Zinnia.

NURSERY PLANTS—Fuchsia, Geranium, Pelargonium, Evergreen Shrubs, Vines. Visit our Blue Glass Nursery Gardens.

VEGETABLES—Beans, Beets, Carrots, Celery, Corn, Cucumber, Egg Plant, Kale, Lima Beans, Melons, Okra, Pepper, Pumpkin, Radish, Salsify, Squash, Tomato.

MAY and JUNE

FLOWERS—Sow in open ground—Alyssum, Balsam, Brachycome, Calliopsis, Calendula, Candytuft, Clarkia, Cosmos, Godetia, Gypsophila, Ipomoea, Linaria, Marigolds, Nasturtium, Phlox, Portulaca, Rudbeckia, Salpiglossis, Virginian Stock, Zinnias, all Vines.

Sow in flats—Aquilegia, Asclepias, Begonia, Calceolaria, Campanula, Coreopsis, Digitalis, Delphinium, Dianthus, Gaillardia, Gerbera, Geum, Heliopsis,

Heuchera, Hibiscus, Hollyhocks, Lychnis, Pentstemon, Physostegia, Platycodon, Primula, Pyrethrum, Thalictrum, Sweet William, Wallflower.

NURSERY PLANTS—Chrysanthemum, Fuchsia, Pelargonium, Shrubs.

VEGETABLES—Beans, Beets, Carrot, Corn, Cucumber, Melons, Okra, Parsley, Peppers, Pumpkin, Radish, Squash, Tomatoes.

JULY and AUGUST

FLOWERS—Sow in open ground—Alyssum, Calendula, Candytuft, Early Cosmos, Gypsophila, Nasturtium, Phlox.

Sow in flats—Pansies and the entire list of perennials and biennials listed for May and June. These are for next Spring flowering.

NURSERY PLANTS—Many Evergreen Shrubs, Plants and Vines are available in containers at our Blue Glass Nursery Gardens. Broccoli, Cabbage and Cauliflower Plants.

VEGETABLES—Beets, Beans, Cabbage, Carrots, Cauliflower, Celery, Corn, Cucumbers, Endive, Kale, Kohl-Rabi, Leek, Mustard, Radish, Spinach, Turnips.

SEPTEMBER

FLOWERS—Sow in open ground—Calendula, French Marigolds, Nasturtium, Winter Sweet Peas.

Sow in flats—Anemone, Arctotis, Calceolaria, Campanula, Cerastium, Cheiranthus, Digitalis, Delphinium, Dianthus, Gerbera, Geum, Heuchera, Hollyhock, Lychnis, Mathiola, Matricaria, Myosotis, Phacelia, Pansy, Primula, Ranunculus, Silene, Scabiosa, Statice, Stocks, Sweet William, Trachelium, Wallflower, Winter Sweet Peas.

NURSERY PLANTS—Fuchsias and Pelargoniums in full bloom now at our Blue Glass Nursery Gardens. Shrubs and Flowering Plants available in containers. Vegetable Plants from our own seeds.

VEGETABLES—Beets, Broccoli, Brussel Sprouts, Cabbage, Carrots, Cauliflower, Endive, Kale, Kohl Rabi, Leek, Mustard, Parsley, Radish, Spinach, Turnip.

OCTOBER and NOVEMBER

FLOWERS—Sow in open ground—Acroclinium, Anagallis, Alyssum, Bartonla, Calendula, Candytuft, Cheiranthus, Collinsia, Cynoglossum, Eschscholtzia, Godetia, Gilia, Larkspur, Linaria, Linum, Mignonette, Nemophila, Nigella, Phacelia, Pansies, Poppies, Silene, Scabiosa, Sweet Peas, Wild Flowers, Viscaria.

Sow in flats—Anemone, Aquilegia, Bellis, Campanula, Carnation, Centaurea, Cineraria, Coreopsis, Delphinium, Digitalis, Dianthus, Forget-Me-Not, Gaillardia, Geum, Hollyhock, Lobelia, Lupin, Nemesia, Nierembergia, Pentstemon, Phlox, Ranunculus, Salvia, Saponaria, Shasta Daisy, Stocks, Snapdragons, Thalictrum, Sweet Peas.

BULBS—Anemone, Daffodils, Freesias, Iris, Lilium, Muscari, Narcissi, Ranunculus, Scilla, Tritoma, Tulips.

LAWNS—Bent Grasses, Hallawell's Evergreen Lawn Grass, Hallawell's Lawn Carpet, Hallawell's Park Lawn Mixture. Full description in this catalog.

VEGETABLES—Beets, Broccoli, Carrot, Endive, Kale, Kohl-Rabi, Lettuce, Onion, Parsley, Peas, Radish, Spinach, Turnip.

ONIONS—For large onions sow Sweet Spanish seed now for mature onions in mid-Summer.

DECEMBER

FLOWERS—Sow in open ground—Abronia, Alyssum, Bartonla, Calendula, Candytuft, Centaurea, Clarkia, Collinsia, Eschscholtzia, Godetia, Gilia, Larkspur, Linum Rubrum, Lupins, Nemophila (on bulb beds), Poppy, Virginian Stock, Sweet Peas.

Sow in flats—Bellis, Carnation, Cerastium, Coreopsis, Dianthus, Gaillardia, Lobelia, Pansy, Pentstemon, Phlox, Salvia, Scabiosa, Snapdragon, Stocks, Verbena, Viola.

BULBS—Anemone, Daffodils, Lilium, Narcissi, Ranunculus.

NURSERY PLANTS—Rose Bushes, Rose Trees, Climbing Roses, Orange Trees, Lemon Trees, Evergreen and Deciduous Trees and Shrubs.

VEGETABLES—Beets, Carrots, Lettuce, Onion, Parsley, Parsnip, Peas, Radish, Spinach.

ONIONS—Sow seeds of Sweet Spanish now for large onions to harvest in mid-Summer.

NUMBER OF PLANTS PER ACRE

Set at Regular Distances Apart

Distance Apart	No. Plants	Distance Apart	No. Plants	Distance Apart	No. Plants
3 ft. by 1 ft.....	14,520	5 ft. by 4 ft.....	2,178	14 ft. by 14 ft.....	222
3 ft. by 1 1/2 ft.....	9,680	5 ft. by 5 ft.....	1,742	15 ft. by 15 ft.....	193
3 ft. by 2 ft.....	7,260	6 ft. by 3 ft.....	2,420	16 ft. by 16 ft.....	170
3 ft. by 3 ft.....	4,840	6 ft. by 4 ft.....	1,815	17 ft. by 17 ft.....	150
4 ft. by 1 ft.....	10,890	6 ft. by 6 ft.....	1,200	18 ft. by 18 ft.....	134
4 ft. by 2 ft.....	5,445	7 ft. by 7 ft.....	888	19 ft. by 19 ft.....	120
4 ft. by 3 ft.....	3,630	8 ft. by 8 ft.....	680	20 ft. by 20 ft.....	108
4 ft. by 4 ft.....	2,722	9 ft. by 9 ft.....	537	25 ft. by 25 ft.....	69
5 ft. by 1 ft.....	8,712	10 ft. by 10 ft.....	435	30 ft. by 30 ft.....	48
5 ft. by 2 ft.....	4,356	11 ft. by 11 ft.....	360	33 ft. by 33 ft.....	40
5 ft. by 3 ft.....	2,904	12 ft. by 12 ft.....	302	40 ft. by 40 ft.....	27

SPRAYS, BAITS AND SUPPLIES

MAIL ORDERS — INCLUDE POSTAGE IN YOUR REMITTANCE IF INSECTICIDES ARE TO BE SENT BY PARCEL POST. GALLONS AND LARGER SIZES WILL BE SENT BY EXPRESS COLLECT.

ACME ANT KILL

JUNIOR SET, 2 oz. bottle syrup, 2 safety cups.....35c
COTTAGE SET, 2 oz. bottle syrup, 5 safety cups.....65c
4 oz. bottle syrup.....20c
Pint bottle syrup.....50c
Quart bottle syrup.....90c

ANTROL ANT SYRUP

Kills ants in their nest! A scientific method which is reliable, economical, permanent, and safe. Place the glass containers at intervals around the house and in the garden. Wash the containers frequently, using only a small amount of syrup at each refilling. Prices and shipping weights: 4 oz. bottle 20c, pint 50c, (2½ lbs.) quart, 90c (4½ lbs.); gallon, \$2.75 (12 lbs.). Postage extra.



ANTROL ANT SET

This is a sample set to become acquainted with the merits of Antrol Ant Control. The set consists of 4 special rough glass containers with ladder and a four-ounce bottle of Antrol Syrup for the control of both the Argentine ant and the grease ant. Weight 2 lbs. 60c each. Postage extra.



ANTROL SYRUP CONTAINERS

Extra containers, same as supplied in the set above. 10c each.

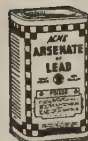
APHIS SPRAY

Effective control for aphids and many other sucking insects. Handy 3-oz. tube contains 1 full ounce of Black Leaf 40 and 2 ounces of soft spray soap. 1 oz. 35c; 12 oz. \$1.00; 2½ lbs. \$2.38. Postage extra.



ARSENATE OF LEAD

Controls leaf eating insects such as worms, pear slugs; also codling moth, the cause of wormy apples. Use 2 to 3 tablespoonfuls to a gallon of water as a liquid, or with 5 parts of lime as a dust. 1 lb. 35c; 4 lb. bag, 75c.



ACME BAIT-M

A high grade prepared insecticide bait control for snails, slugs, cutworms, and grasshoppers. Scatter on the ground around the plants to be protected. Do not apply on the plants. 1 lb., 25c; 2½ lbs. 50c; 10 lbs., \$1.75.



AVALANCHE RODENT DESTROYER

A gas bomb for the destruction of gophers, moles, and other underground rodents. Burns a long time and produces much gas. Very effective. Dozen \$1.00. Postage extra.

BLACK LEAF 40

A concentrated nicotine solution for the control of aphids and thrips. 1 oz. 35c; 5 oz. \$1.05; 1 lb. \$2.50; 2 lbs. \$3.70; 5 lbs. \$6.90; 10 lbs. \$11.65.

BUG-GETA

Pellets, compressed snail and slug bait. 2 lbs. 50c, 5 lbs. \$1.00, 25 lbs. \$3.60.

BORDEAUX MIXTURE

Used as a preventative of blight, pear scab, and other fungus diseases. Does not burn foliage. 1 lb. 35c; 4 lb. bag 60c.



BORER-SOL

A fine borer control



An ether non-oil emulsion for the elimination of borers from trees or shrubs. It effects its purpose without injury to the plant or soil. 4 oz. 30c; 8 oz. 45c; pint, 75c; quart, \$1.25; gallon, \$3.50.

CALSUL EMULSION

Combines lime and sulphur with oil to form a perfectly blended stable emulsion. Can be used at any time of the year for the control of scale, red spider, mite, curly leaf, blight, and other fungus diseases of trees and shrubs. One gallon makes 50 gallons of spray. Quart, 65c; gallon, \$1.75; 5 gals., \$5.00.



CARBON BISULPHIDE

(Unavailable.) 1 lb., 40c; 10 lbs., \$2.50. Packing for shipment, 25c.

CRYOTOX No. 50

A spray for apple trees, to prevent codling moth (worm). Does not burn foliage. Also recommended for control of green ladybugs and other chewing insects. 12 oz. 35c, 5 lbs. \$1.00, 10 lbs. \$1.75.

CYANOGAS A-DUST

Kills gophers, moles, and other rodents instantly. 1 lb. 75c; 5 lb. can, \$2.50. (Unavailable.)



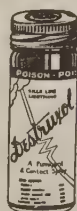
CYANOGAS G-FUMIGANT

Most widely used greenhouse insecticide. Regular use insures insect-free houses all season. 5 lbs. \$3.00. (Unavailable.)



DEER and RABBIT REPELLANT

Quart size, 90c; by mail, \$1.15. Gallon size, \$2.00. Packed for express shipment, \$2.35.



DESTRUXOL

A contact and fumigant spray for the control of aphids, mealy bug, red spider, trip, and white fly. A highly concentrated but safe insecticide. 1 oz. 35c; 4 oz. \$1.00; 8 oz. \$1.65; pint, \$2.40; quart, \$4.25.

DOG REPELLANTS

CHAPERONE POWDER—Makes dogs behave, keeps them off rugs and furniture. Price, \$1.00.

ACME DAWG-GONE

Remove cap and hang a tube of Dog-Gone in the lower branches of shrubs at points of approach. Remove cap to release odor. Last six weeks or more and keeps dogs away. Tubes 25c each. Postage extra.



EMO-NIK

Is free flowing, and the addition of free nicotine results in a very effective control of aphids, mealy bug, scale, red spider, thrip and white fly. 4½ oz. 35c; pint, 65c; quart, 95c; gallon, \$2.50; 5 gals., \$9.25.



EVERGREEN

An effective PYRETHRUM spray for the control of aphids and other sucking insects, as well as many chewing insects. 1 oz. 35c.



FUNGUSOL EMULSION

Contains oils, ether, copper, and free nicotine. This combination makes it effective in the control of aphids and other sucking insects, and at the same time controls such fungus diseases as mildew, rust, rot, and blight. 4 oz. 45c; 8 oz. 65c; pint, 1.00; quart, 1.75; gallon, \$4.50.

GARDEN GUARD

A non-poisonous ROTENONE product effective against both chewing and sucking insects. May safely be used in the vegetable garden. 1 lb. sifter-top can, 35c.



GARDEN GUARD PUMP DUSTER

A rotenone dust—controls chewing and sucking insects. Pumps the dust from the package. 16 oz. package, 60c; postage extra.

GARDEN TWINE

70 strands in continuous length. 1 pound is about 90 inches long; 2 lbs. 180 inches; 4 lbs. 360 inches, or about 30 feet; up to 24 lbs. or 180 feet.

This is a soft processed twine, excellent for garden use or other purposes. ½ lb. 65c; lb. \$1.25; postage extra.

GOPHER POISON

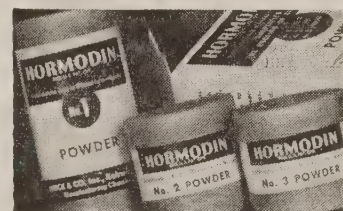
EL REY—Controls gophers, squirrels, rats, mice and similar rodents. Small size 30c, large size 60c, postpaid.

GRAFTING WAX

4 oz. size.....25c
8 oz. size.....40c
1 lb. size.....70c

HORMODIN POWDERS

Stimulates rapid root growth on cuttings.



POWDER No. 1—A general purpose powder especially good for carnations, chrysanthemums, and similar types. 1½ oz. tin, 50c.

POWDER No. 2—for woody and semi-woody types. 1½ oz. tin, 75c.

COMBINATION PACKAGE—No. 1, No. 2 and No. 3 in the same carton, 75c.

HORMONE POWDER

FRUITONE—Small pkg.25c

ROOTONE—Small pkg.25c

TRANSPLANTONE—Small pkg.25c

KOPPERSOL

A straight fungicide for the control of mildew, rust, and blight in the flower or vegetable garden. Also controls fungus attacks on fruits, and brown patch and spot in lawns. 8 oz. 60c; pint, 85c; quart, \$1.40; ½ gal. \$2.00; gallon, \$3.50.



KOPPER KING

Fungicide used for the same purposes as Bordeaux Mixture. A basic copper sulphate, much stronger than Bordeaux, but can be used without danger of burning foliage. 1 lb. 40c; 4 lb. bag, 90c.



KOPPER QUEEN

A copper solution for the control of mildew and other fungus. May be combined with Emo-Nik in the same solution to control aphids, mealy bug, and scale, as well as fungus. 8 oz. 35c; pint, 60c; quart, 90c; gallon, \$2.25.



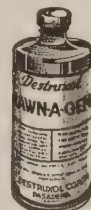
KOPPER SHIELD

Pruning paint contains copper sulphate. Protects the wound from the elements after pruning operations, and prevents the entrance of fungus diseases. 8 oz. 30c; pint, 45c; quart, 75c; gallon, \$2.35.



LAWN-A-GEN

A product combining various ethers and water-soluble metallic copper. Effective in the control of lawn grub worms and other soil pests. Its copper content also guards against fungus diseases which frequently follow insect damage. One pint treats 300 square feet; follow directions carefully. 4 oz. 60c; 8 oz. \$1.00; pint, \$1.60; quart, \$2.50; ½ gal., \$4.25; gallon, \$7.00.



SPRAYS, BAITS AND SUPPLIES

LIME SULPHUR, DRY

For dormant spraying of fruit trees and all deciduous trees, shrubs, and roses. Effective against scale, peach blight, leaf curl, and twig borer. Two plentiful applications during the winter are recommended. 1 lb. 40c; 5 lb. can, \$1.50; 12½ lb. bag, \$2.00 (commercial size).



MOSS

Gathered from Oregon Maple especially for moss poles and hanging baskets. A very select grade.

Lb. 40c; 5 lbs. \$1.75.

If wanted by mail, add 20% for packing and postage.

MOLE KILLER

Old Trapper—To rid your grounds of moles and gophers. Reports indicate it is very effective. 50c. Postage and packing 5c extra.

NAPHTHALENE FLAKES

1½ lb. package30c
(By mail, 40c)
5 lb. package75c

NICO DUST NO. 10

A nicotine dust for the control of aphids, thrips, cucumber beetles, leaf hoppers and other similar insects. 1 lb. carton 55c.

NICO FUME

PRESSURE FUMIGATOR — For fumigating greenhouses. ½-pound can fumigates about 12,500 square feet. ½-lb. size, 60c; 1-lb. size, \$1.00. By mail add 10c per ½ lb.

ORCHID PEAT

Limited supply genuine Osmunda. 60c per lb.



PARIS GREEN

Used in preparing poison baits for the control of grasshoppers, cutworms, and sowbugs. Powerful and quick acting. Lb. 60c; 5 lbs. \$2.50.

PREMEER POWDER

A powder combining pyrethrins, lactic acid, and other materials, for the control of chewing insects. May be used with other diluted spray materials to provide control of chewing and sucking insects, and fungus diseases in one spraying. 3½ oz. 40c; 1 lb. bag, \$1.00.



FULTON'S PLANTABBS
Odorless Plant Food Tablets

Concentrated Plant Food

A complete fertilizer in tablet form, odorless, clean and easy to use. Recommended for house plants or garden plants.

36 tablets 25c; 90 tablets 50c;
240 tablets \$1.00; 2½ lbs. \$2.75.

SOIL TESTING KIT

(Sudbury's)

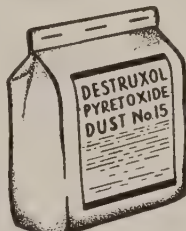
A practical kit which will enable you to know the plant food requirements of the soil in your garden. Tests for nitrogen, phosphoric acid, potash, and acidity.

PYRETOXIDE DUST No. 15

For the control of certain chewing and sucking insects on vegetables and fruits. Also controls and prevents powdery mildew. Most effective when applied during the heat of the day.

2 lb. pkg. 60c,
5 lb. pkg. \$1.35.

Postage extra if wanted by mail.



RAFFIA

Natural color, fine quality, 75c per lb.

RAT SCENT

Specially prepared grains, scented to attract and destroy rats. Small size, 35c; large size, 50c; 60c postpaid.



ROSE SPRAY

ACME SCIENTIFIC ROSE SPRAY combines 3 elements (packed separately), for the control of chewing and sucking insects, as well as fungus diseases such as mildew and black spot. For 3 gals. of spray material, 95c; 6 gal. size, \$1.50; 24 gal. size, \$4.00. (Shipping weights, 3 lbs., 5 lbs. and 10 lbs., respectively.)



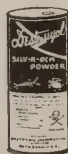
SEMESAN

A mercuric disinfectant for the control of diseases of seeds, bulbs, roots and tubers, and damping-off fungus. For treating brown patch in lawns, drench the areas with a solution of 1 tablespoonful to 1 gallon of water, or one pound to 48 gallons. 2 oz. 40c; 1 lb. \$2.50.

SILV-R-0CH POWDER

Very effective in the control of cockroaches and the little silverfish which sometimes infest the clothes closet.

2-oz. carton 25c; 4½-oz. carton 35c, postpaid.



SOIL SOAKERS

In 15-foot lengths which are equipped with couplings for two or more lengths. Excellent for hard heavy soil or slopes. Length \$1.90, \$2.00 postpaid.

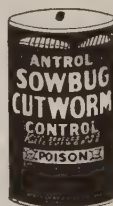
SNAROL

Contains Met-aldehyde. More effective than ever in the control of snails and slugs. Easy to apply — just place small piles a few feet apart in the garden, and the pests are attracted to it and destroyed.

NEW SNAROL is not injurious to animals or vegetation when used according to simple directions. 1 lb. 25c; 2½ lbs. 50c; 6 lbs. \$1.00; 10 lbs. \$1.50; 50 lbs. \$5.50.



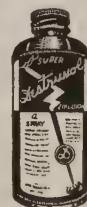
SOWBUG CUTWORM CONTROL



It is a dry meal to be scattered around infested areas, preferably under shingles or any other light boards. Do not water the area for about 24 hours. 8 oz. 25c; 2½ lbs. \$1.00.

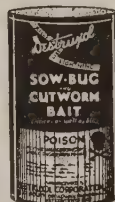
SUPER DESTRUXOL

A stable emulsion combining high grade vegetable and mineral oils with free nicotine. Controls aphids, scale, and other sucking insects, and with the addition of PREMEER POWDER to the solution, caterpillars and beetles will also be controlled. 8 oz. 60c; quart, \$1.25; gallon, \$2.75; 5 gal., \$9.50.



DESTRUXOL SOW BUG AND CUTWORM BAIT

They like this Bait — it attracts them. Effective for outdoor or greenhouse use. Package is equipped with a pouring device. 8 oz. 30c, 1 lb. 55c, 2½ lbs. \$1.10.



ACME STOP

Stops crawling insects such as caterpillars and ants, when applied in a band around the trunk of a tree or shrub. Its extreme stickiness lasts for several weeks. 6 oz. 35c; 1 lb. 65c; 5 lbs. \$3.00; 10 lbs. \$5.00; 25 lbs. \$10.00.



SULPHUR, DUSTING

An improved, finely powdered sulphur for convenient use in controlling mildew, leaf spot, black spot, rust, and red spider. 2 lb. sifter top can, 30c; 5 lb. bag, 60c.



SOIL SCREEN



Strong box frame 15x20 inches with reinforced, removable screen. Complete with one screen, \$2.50. Extra screens in sizes ½ and ¼, \$1.00 ea.

VEGETABLE and FLOWER DUST



For the control of many insects, both sucking and leaf-eating types. Beetles, leaf rollers, caterpillars and many other worms. Will not injure tender foliage.

1-lb. carton 40c, postpaid 50c.

4-lb. package \$1.15, postpaid \$1.30.

VINE GUIDES



For training and supporting vines, espalier trees, etc., on stucco, stone or cement walls without defacing. Box of 25, including cement, \$1.00. By mail—add 10c for postage and packing.

VOLCK, GARDEN

A combination spray containing Volck, nicotine, and soap, for the control of aphids, mealy bug, scale, red spider, and white fly. 4 oz. 35c; pint, 85c; ½ gal., \$2.50.

WEED KILLER



A quick acting arsenical weed killer for destroying weeds and all plant life on driveways, tennis courts, etc. Creates a sterile soil condition for a long period. Pint 35c; quart, 55c.

LIQUID WHALE OIL SOAP

For use as a spreader in various spray solutions. 8 oz. 25c; pint, 35c; quart, 50c; ½ gal. 90c; gallon, \$1.50.

WINDOW BOXES

No. 1 clear ¾-inch red-wood unpainted. Hand-made, well constructed. 2 feet, \$1.50; 3 feet, \$1.85; 4 feet, \$2.35.



FERTILIZERS

Prices: 2½ lb. 30c, 5 lbs. 45c, 10 lbs. 75c, 25 lbs. \$1.50.

ACID PLANT FOOD

For Azaleas, Rhododendrons and other shade plants.

SPECIALTY FERTILIZER

To be used on flowers and ornamental shrubs, etc.

SULPHATE OF AMMONIA

A high nitrogen content. Stimulates top growth. Use 1 lb. to 200 square feet for lawn.

VICTORY GARDEN FERTILIZER

For all vegetables. Sprinkle on soil surface and water it in.

HOME GARDENER'S KIT—Enough for a total of 20 tests. \$2.00 each (\$2.10 postpaid).

CLUB MODEL—Makes 12 tests of each (48 tests). \$4.75 each (\$4.90 postpaid).

PROFESSIONAL MODEL—Used by farmers, nurserymen, etc. \$22.50 each.

(For shipment by express.)

MISCELLANEOUS GARDEN SUPPLIES

PAPER PLANT BANDS

Made of reinforced and waterproofed paper especially for use in starting plants in flats. If wanted by mail, add 20% of the amount of order to cover postage and packing, to the 4th zone.

	12	100	500	1000
1 1/4-inch	\$0.15	\$0.75	\$2.50	\$4.00
2 -inch .....	.15	.85	2.75	4.75
2 1/2-inch .....	.20	.95	3.25	5.75
3 -inch .....	.25	1.15	3.75	6.75

PAPER FLOWER POTS

Water resistant paper pots intended for use in shipping plants which have been grown in clay pots.



	Per 10	Per 100	Per 1000
2 1/2-inch. \$0.10	\$0.10	\$0.75	\$ 6.00
3 -inch. .15	.15	1.00	8.00
4 -inch. .25	.25	1.50	12.50
5 -inch. .30	.30	2.25	18.00
6 -inch. .35	.35	2.50	22.50

(If wanted by mail, add postage.)

GARDEN STAKES

Redwood Garden Stakes, square, smooth finish.
3 feet long, dozen \$.75; 100 \$5.75
4 feet long, dozen 1.00; 100 7.50
5 feet long, dozen 1.25; 100 9.50
6 feet long, dozen 1.50; 100 11.25

LABELS

(Postpaid within the third zone)

Shipping weight of wooden labels averages 4 lbs. per 1000.

Wooden, Painted	100	500	1000
3 1/2-inch iron wire	\$0.45	\$1.75	\$3.00
4 -inch Pot Labels .....	.40	1.45	2.50
5 -inch Pot Labels .....	.45	1.75	3.00
6 -inch Pot Labels .....	.50	2.00	3.50
8 -inch Garden Labels ..	.85	3.85	7.00
10 -inch Garden Labels ..	1.10	4.85	9.00
12 -inch Garden Labels ..	1.45	6.75	12.50

CELEX GARDEN LABELS—Of white weather-proof celluloid composition, copper-wired; 1/2 inch by 3 inches.

Doz. 25c; gross (144 labels), \$2.75 postpaid.

SIMPLEX WEATHERPROOF PLANT LABELS—

Celluloid, wire; writing is protected by a transparent cover, will last indefinitely if done with lead pencil.

No. 1, 3 x 1/2 inch—

50c per doz.; \$3.00 per 100, postpaid.

No. 2, 4 x 3/4 inches—

75c per doz.; \$5.00 per 100, postpaid.

No. 3, 5 x 1 inch—

\$1.00 per doz.; \$7.00 per 100, postpaid.

SIMPLEX CELLULOID POT LABELS—

No. 21, 4 x 5/8 inch—

35c per doz. \$2.00 per 100, postpaid.

No. 22, 5 x 3/4 inch—

50c per doz. \$3.00 per 100, postpaid.

SIMPLEX GREEN WATERPROOF ROCK GARDEN LABELS—

These Labels are designed especially for use in Rock Gardens. The dark green color renders the label itself inconspicuous among small or low growing plants, but the white lettering is very clear and easy to read; marking is done with a stylus, furnished free with each hundred.

No. 51, 4 x 5/8 inch—

50 per doz.; \$3.00 per 100, postpaid.

Wiss Hy-Power PRUNING SHEARS

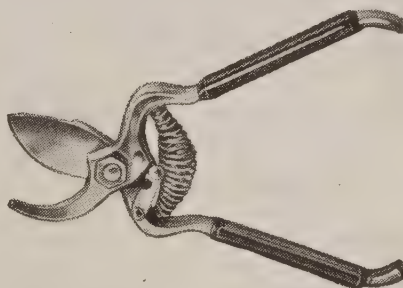


If wanted by mail add 15c for postage and packing.

Wiss Hy-Power—No. 906, 6-inch; ladies. \$2.15.

Wiss Hy-Power—No. 908, 8 inch. \$2.50.

CALKINS SHEARS



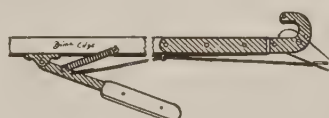
CALKINS No. 800—One of the best shears made. Thousands in use in California. Long service saber steel, 7 inches long.

\$5.25 each; \$5.35 postpaid.

CALKINS No. 8— \$3.95 each; \$4.05 postpaid.

LOPPING SHEARS

CORONA HAWLEY — 20-inch handle tree pruner, fine quality. \$5.75 each.



POLE

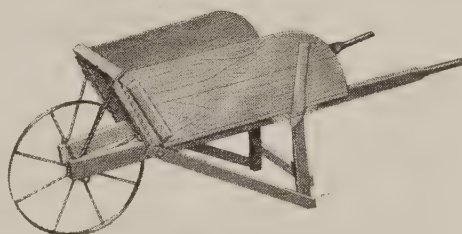
TREE PRUNERS

Not Prepaid.

No. 8B— 8 feet long.....\$2.50

No. 10B—10 feet long..... 2.85

No. 12B—Consists of 3-4 ft. sections complete with saw\$5.25



WHEELBARROWS

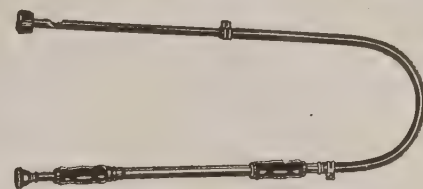
Box 17 x 27 inches, 11 inches deep, removable sides; 18-inch steel wheel handles 60 inches long; weight 40 lbs.

f.o.b. San Francisco \$7.25 each.

WHEELBARROW SPRAYER

A portable wheelbarrow sprayer with heavy duty pump. Weight 70 lbs. Knocked down.

Complete \$27.00.



TROMBONE PUMP

SIREN—Double acting; will generate 300 lbs. pressure. Can be used for general spraying; ideal for high trees. Furnished with 3 ft. hose; strainer pipe and nozzle.

\$5.95 each; \$6.20 postpaid.

BARREL PUMPS

We have a limited supply of heavy duty pumps to be mounted in a barrel.

HIGH POWER—Complete with hose; no barrel. \$14.75 f.o.b. San Francisco.

HEAVY DUTY—Without barrel.

\$18.00 f.o.b. San Francisco.



CRYSTAL DUSTER

Visible Cyclone—dust chamber; 40 inches long, jar can be filled through large opening.

\$1.50 each; \$1.85 postpaid.

BROWN'S CONTINUOUS No. 26AG—Tin pump with tin cone and jar cap, and glass reservoir. \$1.45 each; \$1.75 postpaid.

BROWN'S No. 14—Dome top mist sprayer. Wide mouth tank; capacity one quart. Sturdily constructed. 50c each; 75c postpaid.

No. 26F—Large 3-quart continuous. Built for service, easily cleaned.

\$2.00 each; \$2.35 postpaid.

OPEN-HED SPRAYER

A strong, compressed air sprayer with a double-acting pump lock which is easily and safely locked or unlocked. Tank opening is 5 inches in diameter and the inside can easily be wiped to lengthen life of sprayer. The tank is constructed to withstand a pressure of 100 pounds. The rubber double grip pump handle permits both hands being used for pumping.

No. 4D OPEN-HED—Non-corrosive galvanized tank of 4 gallons capacity; \$8.95 each; \$9.35 postpaid within 4th zone.



GAT SPRAY

You'll like this fertilizing gadget. Fill ordinary jar with fertilizer and attach to the hose. Insures even distribution. \$1.10 each. Packing and postage 10c.

GARDEN HOSE

3/8-inch Garden Club—25 ft. Coupled.....\$3.50

Heavy Single Braid—50 ft. Coupled..... 6.50



Azura

DAHLIA COLLECTIONS

COLLECTION D14

One tuber each of **AZURA, RITA BETTY, KATHLEEN NORRIS, SATAN, SAN FRANCISCO.**

Value \$4.60 — for \$3.85.

COLLECTION D24

One tuber each of **AZTEC CHIEF, BLUE RIVER, CLARA CLEMENS, GREATER GLORY, MOTHER'S DAY, NORMA MORTON.**

Value \$6.10 — for \$4.85.

BOTH COLLECTIONS—

Value \$10.70 — for \$8.75.

CALADIUM

Fancy Leaved Varieties

Suitable for pot culture for living room, sun porch, or conservatory decoration. They may also be used in window boxes where the situation is protected from wind and strong sunlight. Start in sand during the early spring months, and plant into pots before the leaves unfold. Place your order early for January-February delivery.

Each of the following:

35c each; \$3.50 per 12.

CANDIDUM—Snow white leaf with green veins.
DR. E. O. GROVER—Bright rose-red center with red ribs.

DR. T. L. MEAD—Very deep red with brown to black shadings.

J. D. EISELE—Center of leaf is scarlet with green blotches and green border.

JOHN HACHMEISTER—Lovely deep rose leaves.

GLOXINIA

These exquisite semi-tropical plants require a warm, moist temperature, such as may be provided in the greenhouse or sun room. The magnificent flowers are of velvety texture and grow 4 to 6 inches in diameter.

BLACK PRINCE—Giant deep blue.

BRILLIANT—Giant blood red.

BRUNHILDE—Pure white.

MONTEREY ROSE—Soft rose.

RED ADMIRAL—Crimson.

SKY BLUE—Giant light blue.

Any of the above: \$3.50 per 12; \$25.00 per 100

Hallawell's Dahlias

CHOICE CALIFORNIA VARIETIES

(C) denotes Cactus type; (SC) Semi-Cactus; (D) Decorative; (B) Ball.

ALEX CRAIG (SC)—Blush-pink and cream. Each \$1.00.

AZTEC CHIEF (D)—A very beautiful crimson and gold. Each \$1.25.

AZURA (D)—Giant blooms of rosy lilac. Each 75c.

BLUE RIVER (D)—Large deep lavender. Each 60c.

CALIFORNIA PEACH (SC)—This clear coral-pink Dahlia is excellent for cut flowers. Each \$1.00.

CLARA CLEMENS (B)—No other Dahlia in the garden is the subject of so much favorable comment. Deep crimson tipped white. Each 75c.

DARCY SAINSBURY (D)—Large white bloom of perfect form and good stem. Each \$1.00.

DORIS ARLEEN (D)—Lovely rose-pink; good form, strong stem; fine for cutting. Each \$1.50.

EVELYN CHANDLER (SC)—Rich golden-yellow; one of the finest yellows. Each \$1.00.

FLASH (D)—Brilliant crimson-red tipped white. Bright and attractive. Each \$1.50.

FREDA GEORGE (D)—A new and different Dahlia; rich cream overlaid helio; a magnificent flower. Each \$1.00.

GREATER GLORY (SC)—Artistic blooms of salmon-pink. Each \$1.00.

KATHLEEN NORRIS (D)—Large blooms of light rose-pink; has won countless prizes at flower shows. Each 75c.

LELAND STANFORD (D)—Large brilliant red blooms; good form and strong stems. Each 75c.

LYNN FONTAINE (SC)—One of the best new Dahlias. Large, spectrum-red with gold shadings on reverse of petals. Strong, free bloomer. Each \$2.50.

MOTHER'S DAY (D)—Pure white; large exhibition Dahlia and a profuse bloomer. Ea. \$1.25.

MT. TAMALPAIS (SC)—This new Dahlia was the finest canary yellow in any of the recent shows. Large perfect flowers on fine stems. Each \$2.00.

MRS. C. PINCOT (D)—Attractive burgundy-red; very good for highlighting a bouquet of the lighter shades. Each \$1.00.

NORMAN MORTON (D)—Deep orange and gold is always a striking color in Dahlias but in this one it is particularly attractive. Ea. \$1.25.

RITA BALLIN (D)—A perfect yellow and one of the largest. Each \$1.00.

RITA BETTY (D)—Soft shades of cinnamon and henna combined to produce a beautiful bloom. Each \$1.00.

SATAN (SC)—A splendid Dahlia with horn-shaped petals of brilliant carmine. Distinctive and graceful. Each 75c.

SAN FRANCISCO (D)—Shrimp-pink to salmon combined with orange and gold; long stiff stems. Each \$1.25.

SHILLER (C)—Rich cerise; one of the popular florist varieties. Each \$1.00.

TREASURE ISLAND SUNSET (D)—Immense flowers in a magnificent combination of salmon pink and gold. Keeps well when cut. Ea. \$2.00.

VICTORY (D)—Rich golden-pink seems to describe this grand Dahlia. It has perfect form and is an excellent keeper. Each \$1.25.

POMPON DAHLIAS

45c each; 5 for \$2.00; 12 for \$4.50.

ANNA VON SCHWERIN—Shell-pink.

BANTAM—Bright red.

DARKEST OF ALL—Maroon.

DONALD GORDAN—Burnt orange.

DORIA—Deep wine, darker center.

DIXIE—Dark red.

GOLDSLOCKS—Gold; darker center.

HELEN ANITA—Lavender to white center.

JOE FETTE—Pure white.

JOAN—Yellow, suffused red.

LIBBIE ROHR—Cerise-purple.

LITTLE BEESWING—Yellow, edged red.

YELLOW GEM—Pure yellow.

CANNA

CANNA, LARGE FLOWERING—Cannas succeed in a sunny position. Set the roots 1 foot apart and cover the crowns with 3 inches of soil. Planting time is from January to April.

Each 30c; 3 for 75c.

AUSTRIA—4 ft. Yellow, green foliage.

BALTIMORE—3 ft. Large trusses of dark pink flowers; green foliage.

CALIENTE—5 ft. Bright scarlet; bronze foliage.

COPPER GIANT—5 ft. Copper rose; green foliage.

EUREKA—4 ft. Large white trusses; green foliage.

GOLDEN WEDDING—4 ft. Bright canary yellow; green foliage.

INDIANA—6 ft. Vivid orange flowers; green foliage.

LOUIS CAYEUX—4 ft. Bright scarlet-rose; green foliage.

THE PRESIDENT—4½ ft. Immense flaming scarlet; rich green foliage.

ROSE GLORY—4½ ft. Salmon-rose; green foliage.



Canna

UNCLE SAM—6 ft. Vivid crimson; green foliage.

WYOMING—6 ft. Large trusses of deep orange flowers; bronze foliage.



Large



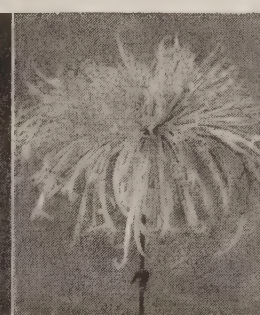
Pompon



Single



Anemone



Spidery

CALIFORNIA CHRYSANTHEMUMS

PLANTS READY IN MAY. ORDERS FOR \$2.00 OR MORE ARE POSTPAID. ORDERS UNDER \$2.00, SEND 25c HANDLING CHARGE. (PLACE ORDERS EARLY).

LARGE FLOWERED TYPE

30c each; \$3.00 per dozen.

ANACONDA—Coppery red; incurved golden-bronze reverse.

APPERT—Lovely dark bronze, incurved.

BARBARA PHILIPS—Large, glowing, yellow reflex.

CAMBRIA—Golden bronze; incurved lighter shade.

GARNET KING—Fine dark red; reflexed type.

GLORIA—Late blooming, incurved yellow.

GOLDEN POCKETT—Deep golden yellow; incurved.

HELEN FRICK—Deep lavender-pink; incurved type.

HELENA POCKET—Enormous, white, incurved.

KEYSTONE—Bronzy-orange, incurved.

MADISON—Crimson, bronze reflex.

MAJ. EDWARD E. BOWES—Bright rosy pink.

PINK TURNER—Light pink; incurved.

WILLIAM TURNER—Pure white, incurved.

YELLOW TURNER—Light yellow, incurved.

POMPON

25c each; \$2.50 per dozen.

AMETHYST—Bright purple.

BRISTOLITE—Very rich orange yellow.

***CAVALCADE**—Bright red, bronze reverse.

NATOMA—Bright red.

CHRISTMAS RED—Deep red. Medium-large.

****GOLDEN NYMPH**—Button; golden yellow.

LEGAL TENDER—Golden bronze; yellow reverse.

PENELOPE—Golden yellow. Button.

PINK DOT—Pink; reddish center. Button.

THYRA—Dark pink.

TOPAZ—Bronze, tipped mahogany.

WHITE PEARL—Pure white. Medium.

***BRONZE PRINCETON**—Deep bronzy-red.

****FAIR MAID**—Fine sprays of clear pink.

ANEMONE FLOWERED

25c each; \$2.50 per dozen.

BRONZE FRIEDA—Salmon buff.

CRIMSON GLOW—Crimson; gold-tipped cushion.

ENCHANTRESS—Large deep pink; late.

FRIEDA—Bright rose-pink with golden center.

MRS. JOHN SHIELDS—Deep yellow with gold cushion.

ROSE MADDER—Deep rose-pink.

WHITE FRIEDA—Clear white.

CUSHION

25c each; \$2.50 per dozen.

EDGAR A. GUEST—Bright bronzy red.

PANOLA—Deep rose pink.

THE MAJOR—Bright salmon pink.

YELLOW SPORT—Corn yellow.

SPIDERY AND THREAD-LIKE

30c each; \$3.00 per dozen.

BRILLIANCE—Glossy straw with bright red tips.

BUNBU—Deep lavender.

OHKWAN—Large feathery flowers of deep yellow. A splendid new variety.

RAYONNANTE—Long light pink, cord-shaped petals.

R. BACON No. 15—A most unusual variety. One row of pink petals tipped with gold, radiating from a golden center.

SILVER LACE—White; reflex tips.

KOREAN HYBRIDS

25c each; \$2.50 per dozen.

APOLLO—Profuse sprays of reddish bronze.

CERES—Chamois, yellow and gold.

DAPHNE—Salmon pink.

DIANA—Shades of rose, lilac, and salmon.

CASCADE CHRYSANTHEMUMS

35c each; \$3.50 per dozen.

ANNA—Small, single, white.

BIJO—Small, single, light pink.

LITTLE PRINCESS—Golden yellow anemone.

RADIANT—Medium size, bright red, single.

HARDY PHLOX

Hardy Phlox thrive in soil which has been deeply enriched. They require plenty of water during the summer months, and in hot climates should have light shade.

CAROLINE VANDENBURG—Clear lavender blue with no magenta. Large individual flowers in attractive compact heads.

COUNT ZEPPELIN—Pure white with vermilion-red eye. A very popular variety.

DAILY SKETCH—Salmon-pink with vivid crimson eye. The flower trusses and individual flowers are very large.

FIRETAIL—Dazzling carmine red with blood-red eye. Very free flowering and a good grower.

GEORGE STIPP—Deep, glowing salmon with a lighter shade eye.

JULES SANDEAU—Large trusses of brilliant pink flowers. Has a very long blooming season.

LEO SCHLAGETER—Glowing fiery red. An outstanding phlox.

MARY LOUISE—Pure white heads of unusually large size. Considered the best white to date.

WIDAR—Violet with white eye. A striking color combination.

Prices, any of the above:

40c each; 3 for \$1.10; \$4.00 for 12.

SINGLE TYPE

25c each; \$2.50 per dozen.

BURGUNDY RED—Red with yellow center.

EVELYNNE LETHBRIDGE—Orange with crimson flush.

GOLDEN SUN—Fine yellow which lasts well.

MRS. R. COLLINS—Red and orange; quilled petals.

PEACH GLOW—Chamois pink; medium size.

WILLIAM BUCKINGHAM—Rosy pink.

YUKON—White with gold center.

TIGRIDIA—TIGER FLOWER

Plant 4 to 6 inches deep in warm soil. Water plentifully after sprouts appear above surface and during growing season.

Large bulbs, separate colors:

25c each; \$2.00 per 12; \$15.00 per 100.

6 or more of one variety, labeled separately. Less than 6 of one variety, 25c each.

BUCCANEER—Scarlet petals, orange cup, maroon spots.

CANARY QUEEN—Yellow petals, white cup, faint spots.

GYPSY MAID—Chrome yellow petals, maroon spotted cup.

ROSE KING—Rose petals, white cup, wine red spots.

SUNSET GLOW—Orange, streaked scarlet, deep red spots.

VAGABOND PRINCE—Pure white, large cup with maroon spots.

MIXED COLORS—

20c each; \$1.75 per 12; \$12.00 per 100.

LILY OF THE VALLEY

They prefer a moist shady situation in the garden and grow best in a loose rich soil or sandy loam. Set the pips 3 or 4 inches apart and with the tips at the surface. Clumps for outdoor planting: 75c each; 5 for \$3.50.



Lily of the Valley



INDEX

	Page		Page		Page		Page
Abelia	54	Cleome	37	INSECTICIDES	28	Popcorn	17
Abronia	33	Climbing Roses	72	Ipomoea	63, 41	Poplar	62
Abutilon	54	Clianthus	63	Irish Moss	66	Poppy	45, 46, 68
Acacia	54	Cobaea Scandens	37	Itea	57	Portulaca	45
African Daisy	34	Coleus	37	Ivy	63	Potatoes	22
Agapanthus	66	Collards	15	Jasmine	63	Primula	47
Agatheia	33	Collinsia	37	Juniper	58	Privet	58
Ageratum	33	Columbine	79, 33	Kale	18	Prostanthera	59
Akebia	62	Convolvulus	56, 67	Kochia	41	Prune and Flowering Prune	65, 62
Almonds	61, 64	Coprosma	56	Kolkwitzia	61	Pruning Paint and Shears	27, 29
Alonsoa	33	Coreopsis	67, 38	Kumquat	66	Pumpkin	22
Alyssum	66, 33	Corn	17	Labels	29	Pyracantha	59
Ampelopsis	62	Cornus	61	Laburnum	61	Pyrethrum Seed and Plants	45, 68
Anagallis	33	Correa	56	Lagunaria	58	Pyretoxide	28
Anchusa	66	Cortaderia	56	Lantana	58, 63	Prunus	59
Anemone	33	Cosmos	38	Larkspur	42	Quince and Flowering Quince	62, 65
Ant Controls	27	Cotoneaster	56	Lathyrus	41	Radish	22
Antigonon	33	Cramberry Bush	61	Laurel	58	Ranunculus	45
Antirrhinum	34	Crepe Myrtle	61	Lavatera	41	Raspberries	78
Apples	64	Cress	16	Lavender Plants and Seed	68, 42	Redwood Trees	60
Apricots	64	Cryptomeria	56	Leek	18	Reinwardtia	60
Aquilegia	66, 33	Cucumber	18	Lemons	58, 66	Rhododendron	59
Arabis	34	Cyclamen	38	Leonotis	58	Rhubarb Roots and Seed	65, 22
Arbor Vitae	60	Cynoglossum	38	Leptospermum	58	Ricinus	45
Arbutus	54	Cypress	55	Leptosyne	42	Romneya	60
Arctotis	34	Currant	78	Lettuce	19	ROSES	54-59
Artichoke Plants and Seed	65, 15	Cytisus	56	Ligustrum	58	Rutabaga	24
Asparagus Fern	34	Dahlia Bulbs and Seeds	38, 30	Lilacs	61	Salsify	23
Asparagus Seed and Plants	15, 78	Dandelion	18	Lilium	42	Salpiglossis	47
Asters	66, 35	Daphne	56	Lily-of-the-Valley	31	Salvia Plants and Seed	68, 47
Aucuba	54	Datura	56	Limes	66	Sanvitalia	47
Australian Pea Vine	62	Day Lily	68	Lime Sulphur	28	Saponaria	68, 47
Azaleas	54, 61	Dianthus	39	Linarja	42	Scabiosa	68, 47
Baby Blue Eyes	44	Delphinium Plants and Seeds	67, 39	Lippia	68	Scarlet Flax	42
Baby's Breath	41	Dielytra	67	Liquidambar	61	Schinus	60
Bachelor Button	37	Didiscus	40	Liriodendron	62	Schizanthus	48
Balsam Apple and Balsam	34	Digitalis Plants and Seed	67, 39	Lobelia	42	Sequoia	60
Barberry	34	Dimorphotheca	67, 39	Loganberry	78	Shasta Daisy Plants and Seed	68, 48
Bartonia	34	Diosma	56	Lunaria	42	Skimmia	60
Beans	14	Dog Repellants	27	Lupin	42	Smilax	48
Beauty Bush	61	Dolichos	40	Magnolia	58, 62	Snail Vine	48
Beets	15	Doronicum	67	Mahonia	58	Snapdragon	34
Begonia Seed and Tubers	34	Dracena	56	Mandevilla	63	Soil Test Kit	29
Berries	54	Dusters	29	Marguerite	68	Solanum	48
Bignonia	62	Echium	40	Marigolds	43	Sollya	63
Birch	61	Egg Plant	18	Mecanopsis	44	Sow Bug Bait	28
Blackberry	78	Eleagnus	56	Melaleuca	58	Spinach	23
Books	25	Endive	18	Mertensia	68	Spiraea	62
Boston Ivy	62	Erica	56	Mesembryanthemum	68, 44	Sprayers and Sprays	29, 27
Bottle Brush	54	Erythraea	61	Mimulus	44	Spraying Guide	12
Bottle Tree	60	Eschscholtzia	40	Mirabilis	44	Squash	23
Bougainvillea	62	Escallonia	56	Money Plant	42	Stakes	29
Bouvardia	54	Eucalyptus	56	Morning Glory	38	Static Plants and Seed	69, 48
Boxwood	54	Eugenia	56	Moss	28	Sterculia	60
Boysenberry	78	Euonymus	56	Mountain Ash	62	Stocks	49
Brachycome	34	Everlasting Pea	41	Mustard	21	Stokesia	48
Broccoli	15	Euphorbia	40	Myrtle	58	Stranvaesia	60
Broom	56	Fatsia	56	Myoporum	58	Strawberries	78
Browallia	34	Felicia	67	Myosotis	44	Streptocarpus	48
Brunfelsia	54	Ferns	67	Nandina	58	Sulphur	28
Brussels Sprouts	15	Ficus	63	Nasturtium	44	Sweet Corn	17
Buddleia	54	Figs	64	Nectarines	64	Sweet Peas	50
Cabbage	16	Flower Pots	29	Nemesia	44	Sweet William Plants, Seed	69, 53
Cactus	34	Forget-me-not	44	Nemophila	44	Swiss Chard	15
Caladium	30	Four O'Clock	44	Nicotiana	44	Sycamore	62
Calceolaria	34	Forsythia	61	Nierembergia	44	Syringa	61
Calendula	36	Foxglove Plants and Seed	67, 39	Nigella	44	Tamarix	62
California Poppy	40	Fuchsia	57	Nursery	10	Taxus	60
California Wild Flowers	51	Gaillardia Seed and Plants	67, 40	Okra	21	Tecoma	63
Calliandra	54	Gardenia	57	Oleander	58	Ternstroemia	60
Callistemon	54	Garden Information	12-13	Olearia	58	Teucrium	60
Calodendrum	54	Garden Stakes	29	Olive	64	Thunbergia	53
Camellia	55	Garden Twine	27	Onions	20	Thuya	60
Campanula	67, 36	Gazania	67	Orange Trees	66	Thujopsis	60
Camphor Tree	55	Geranium	69, 40	Oregon Grape	58	Tigridia Bulbs and Seed	53, 31
Canary Bird Vine	36	Gerbera Plants and Seed	67, 40	Osmanthus	58	Tithonia	53
Candytuft	36	Geum Plants and Seed	67, 40	Pampas Grass	58	Tobacco	24
Canna Bulbs	30	Gilia	40	Pansy Seed	45	Tomato	24
Cantaloupe	19	Gladiolus	76	Parsley	21	Trachelospermum	63
Canterbury Bells	26	Gloxinia Seed and Bulbs	30, 40	Parsnips	21	Tree Pruners	29
Cantua	54	Godetia	40	Passion Vine	63	Tree Roses	70
Calliopsis	36	Gooseberries	78	Peach, Flowering	62	Turnip	24
Carissa	54	Gourds	41	Peaches	65	Turraea	60
Carnation Plants and Seed	67, 37	Grafting Wax	27	Pears	64	Vegetable Chard	25
Carrots	17	Grapes	65	Peas	21	Vegetable Seed Collections	9
Cassia	54	Grevillea	57	Pelargonium	69	Venidium	51
Castor Oil Bean	45	Gypsophila	41	Pentstemon Plants	68	Verbena	51
Cauliflower	16	Hakea	57	Pentstemon	44	Veronica	60
Cedrus	54	Hardenbergia	63	Pepper Seed, Pepper Tree	21, 60	Viburnum	60
Celastrus	62	Hawthorn	61	Petunia	46	Viola	51
Celery	17	Heather	56	Phacelia	46	Violets	69
Celosia	36	Hedera	63	Philadelphus	62, 63	Vinca	51
Centaurea	37	Helianthus	41	Phlox and Hardy Phlox	46, 31	Vine Guides	28
Cerastium	37	Helichrysum	41	Photinia	58	Virginian Stock	51
Cestrum	55	Heliotrope	68	Pine	59	Viscaria	51
Chamaecyparis	55	Hemerocallis	68	Pittosporum	59	Vitex	60
Chamaelaucium	55	Herb Plants and Seeds	69, 18	Planting Information	12-13	Wallflower	51
Cheiranthus	37	Heuchera	41	Platycodon	46	Walnuts	65
Cherry, Flowering	61	Hollyhock Plants and Seeds	68, 41	Pleroma	59	Water Cress	16
Chicory	18	Honeysuckle	63	Plumbago	63, 68	Watermelons	20
Chinese Cabbage	15	Horseradish	78	Plum	62, 65	Weigelia	62
Chives (Seed)	15	Hose	29	Podocarpus	59	Wheelbarrow	29
Choisya	55	Hoya	63	Polygala	59	Wildflowers	51
Chorizema	55	Hunnemannia	41	Polygonum	63	Willow	62
Chrysanthemum	31, 37	Hyacinth Bean	40	Pomegranate	62, 64	Window Boxes	28
Cineraria	37	Illicium	57			Wisteria	63
Cistus	56					Yew	60
Clarkia	38					Youngberry	78
Clematis	62					Zinnia	52-53

Hallawell's California FLOWER SEEDS



Seed Field, Hallawell's California Flower Seeds

Hallawell's Fresh Dependable Seeds are available to you by mail. They are as close to you as your mail box.  This year, order all of your seed wants from Hallawell's. Make yours a Hallawell California Garden 

ABRONIA (Sand Verbena)

GRANDIFLORA—A hardy perennial trailing plant with numerous clusters of sweet scented rosy lilac flowers. Thrives in dry situations and rockeries. Sow seed in the fall or early spring in the open in hills three or four feet apart, and three or four seeds in each hill.

Pkt. 10c; ¼ oz. 45c.

AGATHEA (Blue Daisy)

COELESTIS—Sky blue flowers with yellow disc growing 1 foot tall. A hardy perennial remaining in bloom all year round. Useful for window boxes. Sow the seed in boxes to transplant.

Pkt. 15c; ⅓ oz. 60c.

AGERATUM (Floss Flower)

A half hardy annual of easy culture, especially adapted for borders and bedding. Sow the seed early in spring, either in boxes to transplant or out of doors, and thin to 4 to 6 inches apart.

MIDGET BLUE—Very dwarf and compact variety; only 3 to 4 inches high, with a spread of 12 inches. The dense plants are practically smothered with true ageratum-blue flowers.

Pkt. 25c; ½ oz. 60c.

BLUE BALL—Deep blue, compact, ball-shaped plants 6 inches high, of uniform growth, bearing small flowers in great profusion for a long season.

Pkt. 15c; ⅓ oz. 65c.

BLUE PERFECTION—Deep blue, 1 foot high.

Pkt. 10c; ⅓ oz. 35c.

ANCHUSA (Alkanet)

Hardy annuals and perennials producing brilliant blue forget-me-not-like flowers. Sow the seed of the annual sorts in the fall or early spring. The perennial sorts should be sown in the summer or early fall for next season's bloom.

BLUE BIRD—Flowers are a vivid indigo-blue. Plants are compact and of even habit; 18 inches high. Annual.

Pkt. 15c; ⅓ oz. 40c.

ITALICA LISSADELL—An improved form of the Dropmore variety, growing about 5 feet high with sprays of extra large, bright gentian blue flowers. Perennial.

Pkt. 15c; ⅓ oz. 40c.

ALYSSUM (Madwort)

For borders, edgings, and rockwork. In borders, sow thickly to form masses. Cut back after the first flowers fade, and others will come.

MARITIMUM (Sweet Alyssum)—Fragrant white flowers all summer. Hardy annual.

Pkt. 10c; oz. 40c.

MARITIMUM CARPET OF SNOW—Dwarf and a very dense grower; fine for edgings; very floriferous. Hardy annual

Pkt. 15c; ¼ oz. 40c.

LILAC QUEEN—Flowers light lilac, well suited for bedding or ribbon bordering, the plants being erect and compact.

Pkt. 15c; ¼ oz. 40c.

HALLAWELL'S SPECIAL VIOLET QUEEN (New)

—Bright violet in color; the plant habit is dwarf upright.

Pkt. 25c; ⅓ oz. 40c.

PERENNIAL ALYSSUM

SAXATILE COMPACTUM (Gold Dust)—Single plants easily cover a square foot in a year, and produce many hundred of bright yellow flowerheads. Grayish foliage. Hardy perennial, 1 foot.

Pkt. 15c; ½ oz. 35c.

SAXATILE SILVER QUEEN—Pale yellow, good compact habit; especially good for edging and rockeries; hardy perennial.

Pkt. 25c; ⅓ oz. 50c.

ANAGALLIS (Pimpernel)

Lovely dwarf hardy annual plants, 6 inches high. Very effective as edgings, also useful in rockeries. Sow the seed in the spring where it is to remain.

GRANDIFLORA BLUE.

Pkt. 15c; ¼ oz. 45c.

ANEMONE (Windflower)

A great variety of colors, and they bloom very early in spring. The woolly seed should be rubbed with sand and the two may be sown together in the fall for next season's bloom; keep shaded until plants appear and when of suitable size thin to 6 inches apart.

CAEN or GIANT SINGLE (Hallawell's Strain)—Mixed colors.

Pkt. 25c; ⅓ oz. \$1.00.

ST. BRIGID (Hallawell's True Irish Strain)—Mixture of semi-double and double flowers.

Pkt. 25c; ⅓ oz. 85c.

ALONSOA (Mask Flower)

WARSCWICZI COMPACTA—A charming variety of compact habit with racemes of bright vermilion-scarlet flowers; a free flowering, half hardy annual which grows 1 foot tall and thrives best in a sunny situation. Sow the seeds in boxes in early spring and transplant when danger from frost is over.

Pkt. 15c; ¼ oz. 45c.

ANTIGONON (Coral Vine)

LEPTOPUS—A strikingly beautiful climber, flowering from early spring to late autumn. It thrives in the heat, growing 20 to 30 feet high, and is covered with a mass of lovely coral-rose flowers. The plants form tubers and when killed down by frost, sprout again in the spring. It is well to be cautioned against the use of too much fertilizer which has a tendency to promote vine growth at the expense of flowers, but it does need plenty of water.

Pkt. 35c.

AQUILEGIA (Columbine)

AQUILEGIA—A hardy perennial growing 2 to 3 feet high and producing many flowers. They require partial shade and grow best in a soil well provided with leaf mold or other similar organic.

LONGISSIMA (Award of Merit, R. H. S.)—Delicate yellow flowers with extremely long spurs.

Pkt. 50c.

LONG SPURRED PINK HYBRIDS—A beautiful selection of pink and rose shades.

Pkt. 35c; ⅓ oz. 75c.

LONG SPURRED BLUE HYBRIDS—Blue and lavender shades.

Pkt. 35c; ⅓ oz. 75c.

SNOW QUEEN—White; fragrant.

Pkt. 35c; ⅓ oz. 75c.

HALLAWELL'S SELECT HYBRIDS—The strain far surpasses any strain we have ever had in our nursery gardens. The blooms are of large size and the range of color quite complete.

Pkt. 35c; ⅓ oz. 85c.

LONG SPURRED HYBRIDS, MIXED—A great variety of colors.

Pkt. 15c; ⅓ oz. \$1.00.



Super Majestic

ARABIS (Rock Cress)

A hardy trailing Alpine perennial bearing white flowers on erect spikes. Blooms early in sunny rockeries or borders. Pkt. 25c; 1/8 oz. 60c.

ARCTOTIS (African Daisy)

GRANDIS—The African Lilac Daisy. Handsome annual forming branched bushes 2 to 2½ feet in height. Pearl white flowers with mauve center, with the reverse of the petals pale lilac. Sow the seed in the fall or early spring, either in boxes to transplant or outside. Pkt. 15c; 1/8 oz. 45c.

GIANT HYBRIDS—An interesting annual from South Africa. The plants grow to a height of 12 inches, are very free-flowering, and the color range is exceedingly varied. The flowers, which resemble the Transvaal Daisy, are 2½ to 3 inches in diameter, and are borne above the foliage on wiry stems. Pkt. 25c; 1/8 oz. \$1.00.

ASPARAGUS (Fern Asparagus)

PLUMOSUS—A tender perennial for greenhouses or potted plant use, with long, fine feathery foliage. Seeds start slowly and should be soaked in water before sowing. Pkt. 15c; 100 seeds 45c.

SPRENGERI (Emerald Feather)—An easily grown, feathery-leaved variety with drooping branches. The best variety for hanging baskets. Pkt. 15c; 100 seeds 45c.

AUSTRALIAN PEA VINE—See *Dolichos*.

CACTUS

Select a shallow pot, bowl or low coffee can having holes in the bottom. Fill with equal parts of coarsely sifted sand and leaf mold. Select a warm situation, 70 degrees minimum, but protected from direct sunlight. Place container in a vessel of water until soil is moist at top, and sow seeds evenly, covering with coarse sand or small gravel; never with soil. Cover with a pane of glass until germination starts and keep moist. Transplant first seedlings into another pot, less moist and uncovered. Continue watering seed pot as others will germinate even after several weeks.

SPECIAL MIXTURE—Contains easily grown flowering varieties, including rare sorts. Pkt. 25c.

CALCEOLARIA (Pouch Flower)

This ornamental, annual greenhouse plant produces a mass of beautiful pouch-shaped flowers in spring, many of which are tigered or spotted. Sow the seed from June to September for next spring's bloom.

GRANDIFLORA—Flowers of large size and beautifully marked in a great variety of colors. Pkt. 50c.

BARTONIA (Blazing Star)

AUREA (Mentzelia Lindleyi)—A California wild flower producing showy golden yellow flowers above its gray foliage, which is exceedingly brilliant in the sunshine. Sow it where it is to remain, as it does not bear transplanting; annual; 2 feet. Sow in the fall or spring. Pkt. 10c; 1/4 oz. 45c.

CALIFORNIA SNAPDRAGONS

**ANTIRRHINUM
(Rust Resistant Strains)**

Where the winter climate is mild seeds may be sown in the Fall for Spring bloom. Start them in flats or pots and transplant to the garden when they are about 3 inches high. They are lovely in the garden and excellent for cutting.

SUPER MAJESTIC

Height 20 to 30 inches.

Hallawell's Super Majestic SNAPDRAGONS are bred to fill the need of an all-purpose hardy strain that will thrive in varied climates and under reasonable conditions of soil and care. The quantity of seed sold and the favorable reports from customers clearly indicate that these seeds have proved to be all we claim. The flower spikes grow 20 to 30 inches high with large flowers set closely together on the stems. They are a favorite florist flower and make a grand display in the garden.

AUTUMN GLOW SHADES. Old rose, yellow lip.

DAINTY. Lovely soft pink, as its name implies.

HARMONY SHADES. Terra cotta and yellow.

ORANGE SHADES. Deep and light shades.

RED ROCKET. Fiery red.

ROSE SENSATION. Finest rose pink.

SHASTA. Pure glistening white.

SILVER PINK. Lovely clear pink.

YELLOW JACKET. Deep yellow.

Above separate colors, Pkt. 25c; 1/8 oz. 75c.

HALLAWELL'S SUPER MAJESTIC MIXTURE—
Pkt. 25c; 1/8 oz. 60c.

MAXIMUM TYPE SNAPDRAGONS

Height 3 to 4 feet.

This is the tallest, largest flowered Snapdragon. Grown in fertile soil with deep moisture they will grow to a height of 4 feet, producing long beautiful spikes of very large individual flowers. They are excellent background plants and should be staked to keep them upright.

ALASKA. Pure white.

CAMPFIRE. Luminous scarlet, yellow lip.

CANARY BIRD. Canary yellow.

COPPER KING. Bright bronzy copper.

CRIMSON MONARCH. Rich crimson.

LOVELINESS. Soft rose pink.

PINK SENSATION. Pure pink.

ROSALIE. Deep rose with undertone of topaz-amber. Pkt. 25c.

SALMON ROSE SHADES. Bright yellow lip.

YELLOW GIANT. Deep yellow.

Above separate colors: Pkt. 20c; 1/8 oz. 75c.

HALLAWELL'S SELECT MIXTURE—A selected strain containing many new shades.

Pkt. 15c; 1/8 oz. 75c.



Brachycome Swan River Daisy

BEGONIA (Tuberous Rooted)

Splendid for pot culture or for growing outside in sheltered position, blooming the first season from seed, if sown January to March in a temperature of 60 degrees.

SINGLE—Finest Mixed. Pkt. 35c.

DOUBLE—Extra choice mixture. Pkt. 50c.

LLOYDI—Trailing or Pendulous type. Flowers double, in assorted shades. Ideal for hanging baskets. Pkt. 50c.

FIBROUS ROOTED

These dwarf varieties are valuable for bedding, doing equally well in full sunlight or in partially shaded positions. They flower from May until frost. Half hardy perennials.

ERFORDIA—Rosy carmine. 12 inches. Pkt. 35c.

HETEROSA—Pink and red mixed. The largest flowered fibrous begonia, foliage green and bronze. 12 inches. Pkt. 50c.

LUMINOSA COMPACTA—Scarlet, crimson foliage, 6 inches. Pkt. 35c.

PINK ENCHANTRESS—Green foliage, 6 to 8 inches. Pkt. 35c.

PURITY—White, green foliage. 12 inches. Pkt. 35c.

BROWALLIA (Amethyst)

ELATA BLUE—Very free-flowering, half hardy annual, covered with bright blue flowers. Used both for bedding and cutting; height 18 inches. Pkt. 15c.

BALSAM (Lady Slipper)

A tender annual. Grows about 12 inches high. Plants are profusely covered with large double wax-like flowers of brilliant colors—some self-colored, others blotched, spotted, and striped. Sow the seed in spring in boxes to transplant or out of doors when danger of frost is over. Set the plants 18 inches apart.

CAMELLIA FLOWERED MIXED—Resembles a Camellia in its perfect shape. Pkt. 10c; 1/4 oz. 35c.

BALSAM APPLE (Momordica)

Rapid growing annual climber useful for covering unsightly places. Yellow flowers followed by ornamental scarlet fruits. Pkt. 15c; 1/4 oz. 30c.

BRACHYCOME (Swan River Daisy)

A planting of this lovely flower at our Nursery Gardens attracted unusual attention. It is not new but is little known to the home gardener. An annual, 12 to 15 inches high with masses of blue and white flowers in summer.

MIXTURE—Pkt. 15c; 1/8 oz. 35c.



Arctotis Hybrids

ASTERS FOR FALL BLOOM

Asters bloom during August and September. Seeds may be sown in boxes January to June and plants set 1 foot apart when ready for transplanting. For a succession of blooms plant early, medium, and late varieties.

PRINCESS ASTERS (Wilt Resistant)

These lovely asters are medium sized with crested center surrounded by several rows of guard petals. The plants grow 2-2½ feet tall and provide good long stems for cutting. Excellent for flower arrangements.

PRINCESS ANNE—Peach blossom pink. Pkt. 25c.

PRINCESS BONNIE—Soft salmon rose. Pkt. 25c.

PRINCESS MARSHA—Rich scarlet. Pkt. 25c.

EARLY GIANT (Wilt Resistant)

A fine new class of aster, bearing in early September, flowers of the California Giant type with broad, gracefully curled and intertwined petals. Six to eight very large flowers are produced on compact plants 1½ to 2 feet high, with the branches coming from low on the central stem.

PEACH BLOSSOM—Opens wide and changes to light pink.

LIGHT BLUE—A fine color for blending with the above.

ROSE MARIE—Rich rose.

Each of above or Mixture: Pkt. 25c; ¼ oz. 75c.

CALIFORNIA GIANTS

A splendid strain of branching habit, plants grow 3 to 3½ feet high with long strong stems 18 to 24 inches in length bearing beautifully formed curled interlaced flowers 5 inches and over across. **Deep Rose, Light Blue, Peach Blossom (delicate pink), Purple, White**—Any of the above.

Pkt. 15c; ¼ oz. 75c.

Mixture of all colors:

Pkt. 15c; ¼ oz. 70c; ¼ oz. \$1.25.

CREGO GIANT (Wilt Resistant)

This fine variety grows over 2 feet tall and is well branched; of free sturdy growth. The fluffy, graceful flowers are rarely less than 4 inches across and frequently over 5 inches. Fine for cutting. **Cattleya (orchid), White, Shell Pink, Rose, Crimson, Azure Blue, Purple**. Any of above.

Pkt. 15c; ¼ oz. 45c; ¼ oz. 75c.

Mixture of all colors:

Pkt. 15c; ¼ oz. 45c; ¼ oz. 75c.

EARLY ROYAL (Wilt Resistant)

An early flowering aster, coming into bloom in August, with rounded double flowers carried on long stems. The plant grows 2 feet high and branches near the ground. **Deep Rose, White, Lavender, Shell Pink, Purple, Scarlet**. Any of the above.

Pkt. 15c; ¼ oz. 40c.

Collection of one packet each of the above 5 colors: 65c.

Mixture of all colors: Pkt. 15c; ¼ oz. 40c.

HALLAWELL'S CALIFORNIA SUNSHINE IMPROVED ASTERS

These are the aristocrats of the Aster family. The flowers are 4 to 5 inches across, being a single row of loosely placed outer petals, enhanced by a cushion center of tiny quills in contrasting colors. Mixture:

Pkt. 25c; ¼ oz. 85c.

GOLDEN SHEAF

The deepest yellow aster and the only yellow aster that is wilt resistant. The flowers are fully double with an attractive crest-like center. 2 feet high.

Pkt. 15c; ¼ oz. 45c.

HEART OF FRANCE (Wilt Resistant)

The best of the red asters, the color being a rich garnet. The plants are of free branching habit, growing 18 inches high and producing flowers about 3½ inches across.

Pkt. 15c; ¼ oz. 60c.

LATE BEAUTY (Wilt Resistant)

A comparatively new type of aster which comes into bloom early in September and lasts until late in the fall. The straight petaled flowers are large and densely double and borne on long and stout stems from 18 to 24 inches.

Azure Fairy (light blue), Crimson Beauty, September Beauty (delicate pink), Purple Beauty, Rose Beauty, White Beauty. Any of the above:

Pkt. 15c; ¼ oz. 60c.

Mixture of all colors:

Pkt. 15c; ¼ oz. 60c; ¼ oz. \$1.00.

SEMPLER or LATE BRANCHING (Wilt Resistant)

The plant grows 2 to 3 feet high and about 18 inches in width. The blossoms are large, full and straight petaled and are borne on long stems. Comes into flower in September.

Mixture of all colors:

Pkt. 15c; ¼ oz. 35c; ¼ oz. 60c.

SINGLE ASTERS (Wilt Resistant)

The long narrow petals extend outward from small yellow centers, making a large and attractive daisy-like flower. Plants are robust and the flower stems long; September blooming. Mixture.

Pkt. 15c; ¼ oz. 35c.

PERENNIAL ASTER (Michaelmas Daisy)

Beautiful hardy fall flowering perennials. Flowers are single in shades of lilac, blue and mauve.

NEW LARGE FLOWERED — Mixed. 1 to 3 feet tall.

Pkt. 25c.



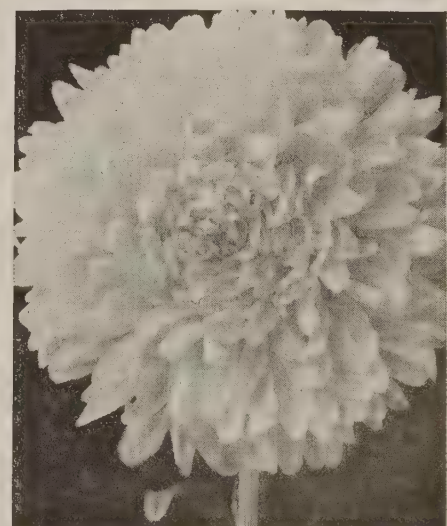
Crego Giant



Mixed Sunshine



Early Giant Type



Early Royal



Campanula (Canterbury Bells)

CALLIOPSIS (Annual Coreopsis)

Showy and beautiful free-flowering annuals, doing well in any sunny position, and excellent for cutting and massing. Sow them where they are to bloom, in spring, thinning out to stand 6 inches to 12 inches apart.

GOLD CREST—Rich golden yellow with red-brown center. Semi-double flowers 2½ to 3 inches across. Height 18 inches.

Pkt. 15c; ¼ oz. 40c.

TIGER STAR—Dwarf variety, not over 9 inches high. Flowers a rich reddish brown tigered with golden yellow.

Pkt. 10c; ¼ oz. 25c.

TALL MIXED—A gorgeous mixture of golden yellow, brown, maroon and other shades.

Pkt. 10c; ¼ oz. 25c.

DWARF MIXED.

Pkt. 10c; ¼ oz. 25c.

CANDYTUFT (Iberis)

Requires plenty of sunshine and only a moderate amount of watering. Seeds sown in autumn produce flowers early in spring; when sown in April, flowers from July to September.

TALL ANNUAL VARIETIES—Height 1 Foot

ALBIDA—Creamy white. Pkt. 10c; ½ oz. 30c.

CRIMSON or PURPLE. Pkt. 10c; ½ oz. 30c.

LAVENDER—Delicate shade of lilac.

Pkt. 10c; ½ oz. 30c.

ROSE CARDINAL—Deep rosy cardinal.

Pkt. 10c; ½ oz. 40c.

SPLENDID MIXED. Pkt. 10c; ½ oz. 30c; oz. 50c.

GIANT HYACINTH FLOWERED or IMPROVED EMPRESS—Very large heads and long spikes of white flowers. Best sort for cut flowers. 1½ feet. Extra select strain.

Pkt. 15c; ¼ oz. 50c.

DWARF ANNUAL VARIETIES—Height 6 Inches

DWARF LAVENDER. Pkt. 10c; ¼ oz. 25c.

DWARF PINK. Pkt. 10c; ¼ oz. 25c.

DWARF HYBRIDS MIXED—Plants of fine compact growth in a large range of colors. Sow in the late spring or summer as the plants will grow tall if the seed is sown early.

Pkt. 10c; ¼ oz. 25c; oz. 70c.

PERENNIAL SORTS—Height 1 Foot

Sow in summer or early fall for next season's bloom. Start seed in boxes and transplant.

GIBRALTARICA—Lilac shading to white.

Pkt. 15c; ½ oz. 50c.

CAMPANULA (Canterbury Bells)

Well known, beautiful hardy herbaceous perennials and biennials, bearing a great profusion of attractive bell-shaped flowers, thriving best in light, rich soil.

BIENNIAL

SINGLE (Campanula Medium)—A hardy biennial, blooming in second year from seed. Grows about 2½ feet high and bears single bell-shaped flowers in blue, white, purple and pink colors. For next summer's bloom sow seed in boxes from April 15 to August 15 and transplant when well started. Single Mixed.

Pkt. 10c; ¼ oz. 35c.

CUP and SAUCER TYPE—In this variety the outer petals form a large brim, like a saucer. Blue, White, Rose, Lavender.

Pkt. 15c; ¼ oz. 75c.

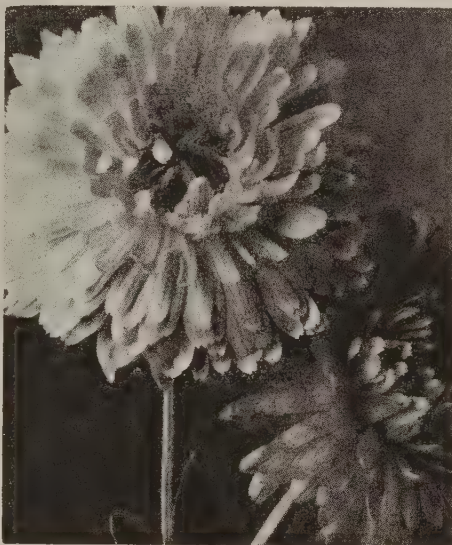
Finest Mixed.

Pkt. 15c; ¼ oz. 60c.

ANNUAL CANTERBURY BELLS (Planting Time September to February)—These beautiful flowers will begin blooming in August from seed sown in February. The plants grow 2 to 2½ feet tall, each plant having from 6 to 8 spikes of bloom. **Select Mixture.** Pkt. 15c; ¼ oz. 50c.

CANARY BIRD VINE (Tropaeolum)

A tender, climbing annual of the nasturtium family. Blossoms have curiously winged petals and are light yellow. Sow the seed in the open ground from March 15th until June. Pkt. 25c.



Calendula, Orange Sunshine

CALENDULA

(Cape or Winter Marigold)

Free flowering hardy annuals which are excellent for bedding and cutting. Sow in the open and thin or transplant to 1 foot apart; sow in January, May and August for a succession of blooms.

Volunteers produce inferior flowers and should be removed as soon as they appear.

BALL APRICOT—Large flowers; soft apricot with dark eye. Pkt. 15c; ¼ oz. 40c.

BALL GOLD—Deep golden yellow of extra large size; fine long stem. Pkt. 15c; ¼ oz. 40c.

BALL ORANGE—Immense rich orange flowers carried on long stems. Pkt. 15c; ¼ oz. 40c.

CAMPFIRE IMPROVED (Sensation)—Large double, brilliant orange colored flowers with a scarlet sheen; stems are stout and long.

Pkt. 15c; ¼ oz. 45c.

LEMON KING ("Extra Select")—Very large, rich lemon-yellow. Pkt. 15c; ½ oz. 35c; oz. 60c.

ORANGE KING (Hallawell's Select Strain)—Very large, deep orange-red with dark center. We consider this the finest strain in existence.

Pkt. 15c; ½ oz. 45c; oz. 75c.

ORANGE SUNSHINE—Clear orange.

Pkt. 15c; ½ oz. 35c; oz. 60c.

SUNSHINE (Chrysanth)—Large double, buttercup-yellow flowers on exceptionally long, stout stems. The petals are long, wide and drooping, giving the flowers a globular appearance.

Pkt. 15c; ½ oz. 45c; oz. 75c.

YELLOW COLOSSAL (New)—Extra large lemon-yellow flowers, similar to but larger than variety sunshine. Pkt. 15c; ¼ oz. 45c.

MIXED.

Pkt. 10c; oz. 30c; ¼ lb. \$1.00.

HALLAWELL'S SPECIAL MIXTURE—Large flowered varieties.

Pkt. 15c; oz. 60c; ¼ lb. \$1.75.

CELOSIA (Cockscomb)**HALLAWELL'S FINEST STRAINS**

Very attractive and showy annual, producing massive heads of rich shades of crimson and yellow flowers. Does best started in a hotbed and transplanted into very rich soil after weather is warm. Set the plants a foot or more apart. Tender annuals.

FIERY FEATHER—Bright fiery scarlet heads on plants about 12 inches high. Suitable for borders or for pot culture. Pkt. 25c; ⅛ oz. 50c.

LILLIPUT GOLDEN FEATHER—Golden yellow; same habit as above. Pkt. 25c; ⅛ oz. 50c.

PLUMOSA MAGNIFICA (Improved Feathered Cockscomb)—Of pyramidal growth attaining a height of 3 feet, and producing feathery plumes of the most brilliant colors. **Crimson, Scarlet, or Yellow.**

Pkt. 15c; ¼ oz. 35c.

PLUMOSA MAGNIFICA MIXED.

Pkt. 15c; ¼ oz. 30c.

PRIDE OF CASTLE GOULD—Beautiful plants for pot culture or for bedding. Of pyramidal compact habit, attaining a height of 2 to 3 feet, with immense fine feather heads, in wide range of colors. Pkt. 15c.

CRISTATA GLASGOW PRIZE—A dwarf crimson variety, 6 or 8 inches high, with very wide combs. Valuable for borders and edging.

Pkt. 15c; ⅛ oz. 45c.

CRISTATA DWARF EMPRESS—Wide blood red combs, brown foliage, dwarf.

Pkt. 15c; ⅛ oz. 35c.

CRISTATA DWARF YELLOW.

Pkt. 15c; ⅛ oz. 35c.

CRISTATA DWARF MIXED—Extra select mixture of rich colors. Pkt. 15c; ¼ oz. 45c.

CRISTATA TALL CRIMSON.

Pkt. 15c; ¼ oz. 50c.

CRISTATA TALL MIXED. Pkt. 15c; ¼ oz. 50c.



Campfire



Calliopsis

Carnations, *Enfant De Nice*

FRAGRANT CARNATIONS

It is possible to grow large double Carnations from seed and to have them within a few months after sowing. Start them in boxes or flats and transplant to the garden as soon as the soil is warm. They prefer a soil containing a liberal amount of leaf mold or other similar organic and some lime. Give them full sun if possible.

ENFANT DE NICE—Robust plants bearing large full double flowers on long, sturdy stems for cutting. Some of the larger flowers are 2 to 3 inches in diameter, beautifully formed full double to the center and fragrant. The separate colors will come about 75% true from seed and about 90% of the plants may be expected to bear double flowers. In separate colors of Pale Pink, Red, Rose, Light Salmon, White, Striped. Any of the above. Pkt. 35c; $\frac{1}{8}$ oz. \$1.50.

Finest Mixed. Pkt. 35c; 3 pkts. 90c; $\frac{1}{8}$ oz. \$1.25.

CHABAUD'S GIANT MIXED—

Pkt. 20c; $\frac{1}{8}$ oz. 95c.

CENTAUREA

CYANUS—Bachelor Button or Cornflower

Of easy culture, sow the seed either in the fall or spring in boxes to transplant or sow where the plants are to remain and thin to 4 inches.

JUBILEE GEM—Double blue flowers. Annual; height 1 foot. Pkt. 15c; $\frac{1}{8}$ oz. 45c.

BLUE BOY—Large semi-double blue flowers; plants of vigorous growth. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

DOUBLE MIXED. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

IMPERIALS—Royal Sweet Sultan

The large thistle-like blossoms are borne on long strong stems; when cut will last in good condition for several days; 2½ feet tall. Sow in the fall or early spring.

PURE WHITE, ROSE, LAVENDER, and YELLOW (Sauveolens).

Any of the above colors. Pkt. 15c; $\frac{1}{8}$ oz. 40c.

MIXED COLORS. Pkt. 15c; $\frac{1}{4}$ oz. 35c.

PERENNIAL CENTAUREAS

CANDIDISSIMA, WHITE LEAVED, or DUSTY MILLER—Grown for its silvery white foliage; used for borders, carpet bedding; 1 foot; perennial. Pkt. 15c; $\frac{1}{8}$ oz. 75c.

CERASTIUM (Snow in Summer)

TOMENTOSUM—Very pretty dwarf white leaved plant, with small white flowers; invaluable for rockeries and edgings; hardy perennial. Start in boxes to transplant.

Pkt. 15c; $\frac{1}{8}$ oz. 40c.

CHRYSANTHEMUM (Painted Daisy)

Summer-blooming annuals, of compact growth, producing quantities of gay, single flowers, 2 inches across, and of striking beauty; very effective for flower beds and for cut flowers. 2 to 2½ ft. Sow the seed in spring. In mild sections seed may also be sown in the fall for early bloom.

CHAMELEON—Autumn tints; fine.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

THE SULTAN—Dark copper with yellow zone.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

ELDORADO—Golden yellow, dark eye.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

EVENING STAR—A splendid variety for cutting. Pure golden yellow. 3 inches in diameter.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

NORTHERN STAR—Large, pure white with yellow center and dark disc.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

SINGLE MIXED.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Candytuft, *Hyacinth Flowered*

CHEIRANTHUS (Siberian Wall Flower)

ALLIONI—An exceedingly showy rock and border plant bearing colorful flowers throughout spring and summer if seed pods are removed. 1 foot. Will flower freely through the summer from seed sown early in spring. For early flowering sow in late summer.

GOLDEN BEDDER—Yellow. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

CLEOME

HALLAWELL'S GIANT PINK QUEEN—The favorite old spider flower glorified, and a beauty too. The tremendous flower heads are bright salmon pink and are produced in abundance on plants, averaging 3 feet in height. It is an excellent plant for mass effects or for interspersing in the border. It was an All-America Silver Medal winner in 1942.

Pkt. 25c; $\frac{1}{8}$ oz. 50c.

CINERARIA

These plants are invaluable for the decoration of the conservatory or for bedding outside in partial shade; unsurpassed for richness and variety of vivid colors, ranging through all shades of blue, purple and crimson; the seed is easily started and the plants grow readily in good ordinary soil. Sow in boxes in the summer for spring blooming, or early in spring for late summer flowering.

CALIFORNIA SUPER GIANTS MIXED—The huge flowers measure from 3 to 5 inches across and are borne in immense rounded trusses above the dark green foliage. The colors range from pastel salmons, azure blue and snowy white to the deepest blood-red and violet-blues. Plants are compact in habit, 15 to 18 inches high.

Pkt. 50c; 3 pkts. \$1.25.

SUPER GIANT BLUE SHADES.

Pkt. 50c.

SUPER GIANT CRIMSON CARMINE SHADES MIXED.

Pkt. 50c.

SUPER GIANT SALMON SHADES.

Pkt. 50c.

SUPER GIANT WHITE.

Pkt. 50c.

MULTIFLORA NANA MIXED—Dwarf plants, 10 inches, with masses of small flowers in compact heads.

Pkt. 50c.

BEDDING MIXTURE—Semi-Dwarf, large flowered.

Pkt. 35c; 3 pkts. 85c.

CREMER'S PRIZE STRAIN—Fine trusses made up of a multitude of medium sized flowers with wide, often overlapping petals. For low bedding or pot specimens.

Pkt. 50c; 3 pkts. \$1.25.

STELLATA FELTHAM BEAUTY.

Pkt. 50c.

COBAEA SCANDENS

(Cathedral Bells)

A very fine and rapid-growing climber, with large bell-shaped purple flowers and beautiful foliage. Needs rich soil; plant seeds edgewise and cover lightly.

Pkt. 15c; $\frac{1}{4}$ oz. 55c.

COLEUS (Flame Nettle)

Richly colored ornamental foliage plants for house culture. Although perennials they attain perfection from the seed the first year.

RAINBOW MIXTURE.

Pkt. 25c.

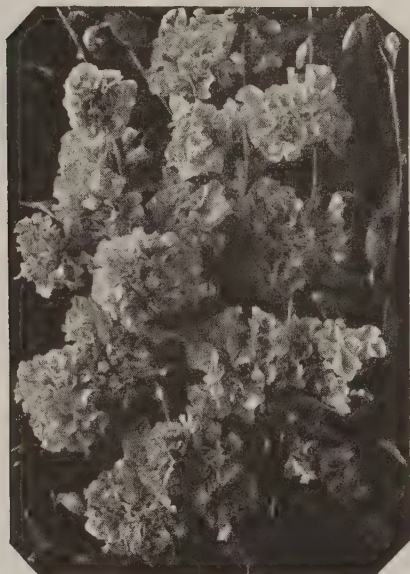
COLLINSIA BICOLOR

Annual, 1 to 2 feet; flowers violet and white. A California wild flower; prefers shade. Sow seed in the open ground any time in the fall until May.

Pkt. 10c; $\frac{1}{4}$ oz. 65c; oz. \$1.95.

COLUMBINE—See *Aquilegia*.

Cineraria, *California Super Giant*

*Clarkia Elegans***CLARKIA ELEGANS**

We thought everyone knew Clarkia but last spring a large planting of it at our Nursery Gardens excited the curiosity of hundreds of visitors. It makes a fine showing and is very good for cutting. Sow plenty of seed and sow it thick. When the plants are crowded they grow tall and make good cut flowers.

HALLAWELL'S DOUBLE FLOWERING CLARKIAS

BRILLIANT—Very bright carmine-rose.

SALMON QUEEN—Salmon-pink flowers.

SCARLET BEAUTY—Brilliant scarlet.

Each of above: Pkt. 15c; 1/8 oz. 40c.

ELEGANS DOUBLE MIXED—An extra select strain. Pkt. 15c; 1/4 oz. 75c.

SINGLE and DOUBLE MIXTURE—California Wild Flower. Pkt. 10c; 1/4 oz. 75c.

CONVOLVULUS (Morning Glory)

Annual climbers of rapid growth which bloom for a long period and delight in sun. Soak the seed for two hours in warm water to hasten germination; sow late in spring.

TALL MIXED—Attain a height of 15 feet.

Pkt. 10c; 1/2 oz. 25c.

DWARF MIXED.

Pkt. 10c; 1/2 oz. 25c.

*Cosmos, Sensation Mixed***COSMOS (Cosmea)**

The plants grow 3 to 6 feet high, and are one mass of feathery green foliage, gemmed with large single flowers of white, pink, or crimson, enlivening the garden long after more tender flowers have succumbed to early frosts. This half hardy annual may be sown from February until June. Sow in boxes to transplant or where plants are to remain and thin to 12 inches apart.

HALLAWELL'S EXTRA EARLY DOUBLE CRESTED

This new Hallawell strain of double crested cosmos begins blooming in midsummer and continues for a long period. They grow about 2 1/2 feet tall producing beautiful large crested flowers in abundance. A few of the plants may produce single flowers, but most of them will be attractive flowers with a ray of broad petals at the base.

CRIMSON, PINK, WHITE, MIXTURE.

Pkt. 25c; 1/8 oz. 75c.

EARLY GIANT SENSATION

A splendid improvement over the older types. The flowers which are 4 inches or more in diameter are produced freely as early as 10 weeks after sowing, on plants 3 to 4 feet in height.

CARDINAL—New crimson.

PINKIE—Rose pink.

PURITY—Glistening white.

Each of above: Pkt. 15c; 1/4 oz. 60c.

MIXTURE.

Pkt. 15c; 1/4 oz. 45c.

EARLY FLOWERING

EARLY ORANGE FLARE (Klondyke)—Free flowering vivid bright orange; the plants are in full flower less than four months from the time of planting. Pkt. 15c; 1/4 oz. 50c.

ORANGE RUFFLES—A rich golden orange flower with two or three rows of extra petals giving it airy charm. It blooms freely on plants 3 to 4 feet high and blossoms earlier than Orange Flare. The flowering season may be prolonged by removing the older flowers. Pkt. 15c; 1/4 oz. 50c.

CYCLAMEN

A tender bulbous perennial, used in greenhouses and window gardens. It is easily grown from seed. Sow in the fall or early spring. The finest commercial strain.

CHERRY RED—Bright cherry-red.

GLORY OF WANDSBECK—Dark salmon.

ROSE OF ZEHLENDORF—Light salmon.

SOFT ROSE—Has dark eye.

WHITE LADY—Pure white.

Each of above: Pkt. of 10 seeds 50c; 100 seeds \$3.50.

MIXED. Pkt. 12 seeds 40c; 100 seeds \$3.00.

DAHLIA

Will bloom the first season if the seed is sown in boxes before the beginning of May. When the first pair of leaves attain a height of one inch, pot singly at a depth close to the base of the leaves. Transfer to larger pots as often as necessary to avoid giving any check. Harden off and plant outside when danger from frost is over.

HALLAWELL'S DWARF DOUBLE HYBRIDS—A special selected strain producing a high percentage of true double flowers. The colors range from yellow, through shades of apricot and pink to lavender, purple, and scarlet. Easily grown from seed, and splendidly brilliant for mass bedding effects. Height, 18 to 24 inches. Pkt. 35c; 1/8 oz. 85c.

UNWIN'S DWARF HYBRIDS—A charming dwarf early flowering, semi-double strain of Dahlia in a wide range of attractive colors. Pkt. 25c; 1/8 oz. 65c.

DOUBLE CACTUS—Mixture from named sorts.

Pkt. 35c.

DOUBLE FINEST MIXED—Mixture from named varieties. Pkt. 35c.

MINIATURE MIXED—This class embraces the small size Decorative, Cactus and Hybrid Cactus types. The dainty flowers measure less than three inches in diameter, blooming profusely and have splendid keeping qualities. Pkt. 50c.

*Coreopsis, Double Sunburst***COREOPSIS (Perennial Calliopsis)**

A perennial with light, graceful foliage and beautiful golden flowers. Blossoms in midsummer and is one of the best yellow cut flowers. Will bloom the first season if sown early. Sow the seed in boxes and transplant to 1 foot apart.

HALLAWELL'S DOUBLE SUNBURST—This new strain produces a good percentage of semi-double flowers and is just as easy to grow as the single flowering form and the extra petalage adds a further charm to the flower.

Pkt. 15c; 1/8 oz. 35c.

MAYFIELD GIANT—A variety of Australian origin. It produces a taller and more vigorous plant than the Grandiflora, with longer and firmer stems and larger individual blooms. The color is the same familiar yellow, if anything, a shade more intense. Pkt. 15c; 1/8 oz. 25c.

CYNOGLOSSUM**(Chinese Forget-Me-Not)**

A hardy biennial of the easiest culture, forming strong plants about 18 inches high and producing through the summer months sprays of Forget-Me-Not-like flowers. Will bloom the first season if sown early.

AMABLE BLUE—Intense deep blue.

Pkt. 10c; 1/4 oz. 30c.

FIRMAMENT—Rich bright blue flowers on bushy plants. Height, 15 to 20 inches. Pkt. 15c; 1/4 oz. 45c.

*Crested Cosmos*

PACIFIC GIANT DELPHINIUMS

DELPHINIUM (Perennial Larkspur)

One of the most popular perennials for garden display, seeds sown in beds or in boxes any time from June to November will bloom the following season. Lime mixed in the soil is beneficial.

PACIFIC GIANT STRAIN

This is the finest strain of delphinium in cultivation. The flowers are large, double and in many beautiful color combinations. Our seed is selected from healthy field grown plants and only from those plants having the most desirable characteristics. You will be pleased with the results from these exceptional selections.

LIGHT BLUE SHADES, MAMMOTH WHITE, HALLAWELL'S SPECIAL MIXTURE.

Pkt. 50c; 3 pkts. \$1.35.

VARIOUS DELPHINIUMS

AZURE FAIRY—An annual type with large

azure-blue blossoms. Forms a compact free flowering bush about 1 foot high.

Pkt. 15c; 1/8 oz. 40c.

BLUE BUTTERFLY—Intense, deep blue, same habit of growth as Azure Fairy.

Pkt. 15c; 1/8 oz. 40c.

BELLADONNA—Beautiful light turquoise-blue florets, gracefully spaced on thin, strong stems. This is the popular florist type, used so extensively in all kinds of flower arrangements.

Pkt. 20c; 1/8 oz. 40c.

BELLAMOSA—Rich deep blue. Identical to the above except in color.

Pkt. 20c; 1/8 oz. 65c.

CARDINALE—This is the Southern Scarlet Lockspur, growing 3 to 5 feet high and blooming in June and July.

Pkt. 20c; 1/8 oz. 75c.

CHOICE HYBRIDS—A very good selection of assorted blue shades. The flowers are large and the spikes grow 3 to 4 feet.

Pkt. 15c; 1/8 oz. 45c.



Delphinium, Pacific Giants

DIANTHUS (Annual Pinks)

Hardy annuals, about 1 foot high, and bearing beautifully colored, single and double blossoms in profusion all summer. Sow seed from September until May in boxes to transplant. Seed may also be sown in spring in the open in row where the plants are to remain.

HEDDEWIGI—Mixture of large double flowers, fine colors.

Pkt. 10c; 1/4 oz. 45c.

LACINIATUS MIXED—Finest single fringed variety, in choice colors.

Pkt. 15c; 1/4 oz. 45c.

PERENNIAL PINKS

Hardy perennial, low-growing Pinks, extensively used for borders, edging and rockeries. The Plumarius type has a delightful spicy fragrance and all varieties are free flowering. Seed sown in boxes in the early summer or fall will bloom the following season.

RARE SPECIES MIXTURE—For rock gardens; includes a large number of varieties, many of them rarely seen.

Pkt. 25c; 1/8 oz. 75c.

LOVELINESS (Fragrant Pink)—Prized for its fragrance. Flowers have lacerated petals, of an exquisite mauve tint. Perennial. 1 foot.

Pkt. 25c; 1/8 oz. \$1.25.

PLUMARIUS CYCLOPS (Clove Pink)—Large single and semi-double fringed flowers in vari-



Dianthus Heddewigi

ous rose and red shades with clove-like fragrance; produced in great abundance.

Pkt. 15c; 1/8 oz. 65c.

PLUMARIUS DOUBLE MIXED (Double Clove Pink)—Double and semi-double flowers in various colors; fragrant.

Pkt. 15c; 1/8 oz. 75c.

PLUMARIUS (Pheasant's Eye Pink)—A single Clove Pink with fringed edged flowers in various colors, fragrant.

Pkt. 10c; 1/4 oz. 45c.

DIGITALIS (Foxglove)

Hardy biennials and perennials with long spikes of various colored flowers; fine for shrubberies and half shady places. Seed sown in boxes or in the open in a cool place any time in the summer to early fall will bloom the following season. Height 4 to 5 feet.

GLOXINAEFLORA MIXTURE.

Pkt. 10c; 1/8 oz. 45c.

GIANT SHIRLEY—The plants of this strain have spikes 3 to 4 feet long, carrying flowers of giant size, ranging in color from white to dark rose and handsomely blotched and spotted.

Pkt. 15c; 1/8 oz. 45c.

LUTZII HYBRIDS—A hybrid variety with long spikes of charming pale apricot colored flowers.

Perennial. Pkt. 25c.

DIMORPHOTHECA (African Golden Daisy)

This half hardy annual of neat branching habit grows 12 to 15 inches high, and is exceedingly profuse in flowering. The Marguerite-like blossoms are a rich, glossy color, 2 1/2 inches in diameter. Sow the seed in early spring in boxes to transplant or sow later in the open.

AURANTIACA—Orange.

Pkt. 15c; 1/8 oz. 50c.

AURANTIACA HYBRIDS—Various shades of white, yellow, orange and salmon.

Pkt. 10c; 1/8 oz. 50c.

ECKLONIS (Perennial)—Pure white flowers with blue disc, on long stems. Height 2 feet.

Pkt. 20c; 1/8 oz. 75c.



Digitalis (Foxglove)



Geum, Mrs. Bradshaw

DIDISCUS (Blue Lace Flower)

COERULEA—This annual should be grown extensively for cutting purposes. The plants grow 18 to 24 inches high, flowers are light blue in flat clusters 2 to 3 inches across and are borne on long stout stems. Sow seeds in early spring in boxes to transplant. The seeds may also be sown in the open in rows in late spring and thinned out to 8 inches. Pkt. 15c; ¼ oz. 60c.

DOLICHOS

LABLAB (Hyacinth Bean)—A rapid-growing annual climber; flowers freely in erect racemes, followed by ornamental seed pods. Sweet scented. Sow the seed in the open ground from March to May. **Mixed:** Pkt. 15c; ½ oz. 45c.

LIGNOSUS (Australian Pea Vine)—A rapid-growing evergreen climbing perennial, flowering freely in large clusters of rose flowers. For covering arbors, trellises, etc., they have no superior. Pkt. 15c; ¼ oz. 50c.

ESCHSCHOLTZIA (California Poppy)

A hardy annual. Sow seed where the plants are to remain, as they do not transplant easily. Seed may be sown from September to early spring.

AURANTIACA ORANGE (True California Poppy)—A selected type of the common variety, being a deep rich orange.

Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$3.75.

SCARLET BEAUTY—Vivid scarlet.

Pkt. 10c; ¼ oz. 75c.

BRILLIANT MIXED—Rich in shades of crimson, pink and orange-scarlet.

Pkt. 10c; oz. 60c; ¼ lb. \$1.75; lb. \$5.00.

NEW HYBRIDS MIXED—New, large flowering, erect type, containing a large percentage of new shades in Eschscholtzias.

Pkt. 15c; ¼ oz. 70c; oz. \$2.00.

FORGET-ME-NOT—See *Myosotis*.

FOUR O'CLOCK—See *Mirabilis*.

FOXGLOVE—See *Digitalis*.

EUPHORBIA (Spurge)

Half hardy annuals suitable for beds of tall-growing plants or mixed borders; the flowers are inconspicuous but the foliage is very ornamental. Sow the seeds in boxes in spring and transplant to the open ground when danger from frost is over.

VARIEGATA (Snow on the Mountain)—Attractive foliage veined and margined with white.

Pkt. 15c; ¼ oz. 50c.

ECHIU

ECHIU (Tower of Jewels)—Roseum. A striking plant, producing dense, giant, pyramidal spikes of deep rose flowers. Grows easily from seed. Pkt. 25c.

GAILLARDIA (Blanket Flower)

Brilliant flowers in scarlet and yellow, blended and shaded. Blooms freely from early summer till autumn. Grows 1½ feet high. Seed of the annual varieties will bloom the first season if sown early, but it is advisable to sow in summer or fall to insure strong plants for next season's blooming. Fine cut flower.

FINE SINGLE MIXED, ANNUAL.

Pkt. 15c; ¼ oz. 35c.

DOUBLE MIXED ANNUAL (Picta Lorenziana).

Pkt. 15c; ¼ oz. 45c.

PORTOLA HYBRIDS, PERENNIAL—Semi-double blooms of magnificent size, with broad overlapping petals golden tipped around glowing centers of bronzy red.

Pkt. 15c; ¼ oz. 75c.



Gerbera

GERBERA (Transvaal Daisy)

The large Marguerite-like flowers come in all shades of pink, salmon, red and yellow and are borne on long, stiff, straight stems. They require a warm, sunny position, good drainage and protection from frost. Sow in seed boxes in light soil and transplant when large enough to handle.

Pkt. 25c; 100 seeds 75c.

GEUM (Avens)

MRS. BRADSHAW—A showy hardy perennial with large double brilliant scarlet flowers borne on long stems. Useful for cutting as well as for growing in borders.

Pkt. 15c; ¼ oz. 60c.

LADY STRATHEDEN—Fine rich golden yellow flowers which match in other respects the popular scarlet variety, Mrs. Bradshaw.

Pkt. 15c; ¼ oz. 70c.

CHOICE MIXED.

Pkt. 15c; ¼ oz. 60c.

GILIA

Hardy annual California wild flower. Sow the seed in the open either in the fall or spring.

CAPITATA, "BLUE GILIA"—A splendid branching plant 1½ to 2½ feet high; flowers light blue in dense globular heads.

Pkt. 10c; ½ oz. 45c; oz. 75c.

TRICOLOR, "BIRD'S EYES"—Flowers pale lilac, yellow toward the center with five purple spots; 9 to 12 inches high. Pkt. 10c; ½ oz. 45c; oz. 75c.

GERANIUM (Pelargonium)

ZONALE—A half hardy perennial, flowering the first year from seed sown early. **Choice Mixed.** Pkt. 25c; ¼ oz. \$1.00.

GLOXINIA (Sinningia)

Beautiful hothouse plants with large velvety bell-shaped blossoms, of rich and brilliant coloring. The seed may be sown in the fall and early spring.

HYBRIDA GIGANTEA—A superb strain containing the spotted hybrids as well as the self-colored sorts. Pkt. 50c.

GODETIA (Satin Flower)

Of all the hardy garden annuals, few are more lovely than the Godetia. It is exceedingly showy in beds and masses, and the satiny flowers last well after cutting. Sow the seed in the open ground in the fall for early bloom, or in the spring until June for later flowering. Sow the seed thick in the row. Crowded plants will grow taller and make better stems for cutting.

DOUBLE VARIETIES (Gladiolus Flowered)

Of distinct and graceful habits, producing long sprays of beautiful large, double flowers, which are fine for cutting and excellent for the border. Height, 2 feet.

CARMINEA—Lovely soft pink with a carmine suffusion in the center.

CHERRY RED—A beautiful rich color.

ROSY MORN—A beautiful bright pink color.

WHITE—Pure white.

Each of above: Pkt. 10c; ¼ oz. 60c.

DOUBLE MIXED.

Pkt. 10c; ¼ oz. 50c.

SINGLE VARIETIES

DUKE OF YORK—Satiny crimson-carmine. Height, 18 inches and splendid for cutting.

Pkt. 15c; ¼ oz. 50c.

KELVEDON GLORY (New)—Glowing salmon orange. A fine bedding and cutting variety. Height, 18 inches.

Pkt. 15c; ¼ oz. 50c.

PURITY—Glistening satiny white. Excellent cut flower; height, 18 inches.

Pkt. 15c; ¼ oz. 50c.

SYBIL SHERWOOD—Bright salmon-pink softened by an undefined edging of white; 18 inches.

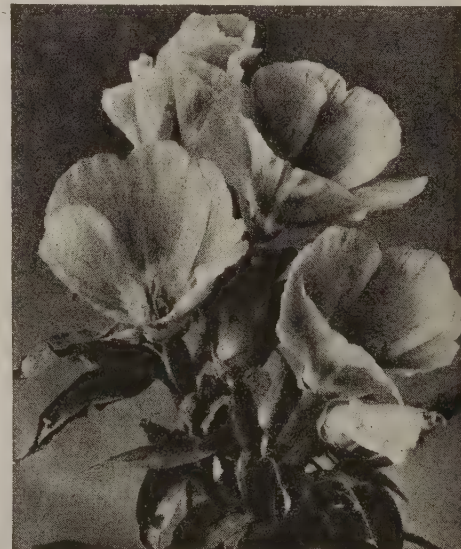
Pkt. 15c; ¼ oz. 40c.

SEMI-DWARF VARIETIES—Splendid mixture of brilliant colors.

Pkt. 10c; ¼ oz. 75c.

AMOENA (var. rubicunda splendens)—Mauve-violet, spotted crimson; single. A California wild flower.

Pkt. 10c; ¼ oz. 60c.



Godetia, Kelvedon Glory

GOURDS (Ornamental)

Excellent for covering verandas or trellis work and for training over arbors, fences, etc. Sow outside where they are to remain, when the ground becomes warm.

AFRICAN PIPE—The stem end of the fruits is used in making Calabash pipes.

APPLE-SHAPED—Beautifully striped; small.

CHINESE BOTTLE.

CHINESE LUFFA—(Sponge or Dish-Rag).

DIPPER or **SIPHON**—Makes a convenient dipper.

HERCULES CLUB—Club-shaped fruits, 4 feet long.

NEST EGG—White like an egg; small.

ORANGE SHAPE—(Mock orange) small.

PEAR-SHAPED—Striped yellow and green; small.

SPOON—Small ball-shaped fruit with a slender neck; orange.

TURBAN—Odd brightly colored fruit.

WARTED—All shapes; small.

Each of above: Pkt. 10c; ½ oz. 25c; oz. 45c.

HOLY CROWN—The Crown of Thorns or the Guard of the Ten Commandments.

Pkt. 15c; ¼ oz. 45c.

SMALL FRUITED VARIETIES MIXED.

Pkt. 10c; ½ oz. 25c.

MIXED—All varieties.

Pkt. 10c; ½ oz. 25c; oz. 45c.

Collection 6 pkts. any of above varieties 50c.

GYPSOPHILA (Baby's Breath)

A free flowering plant of easy culture. Grows 2 to 3 feet high, and bears a profusion of small star-shaped flowers. Seeds of the perennial varieties should be started from early summer until fall for next season's bloom. Sow in boxes to transplant.

ELEGANS GRANDIFLORA—Improved annual white sort. Very largely grown by florists for use in bouquets. Pkt. 10c; oz. 45c; ¼ lb. \$1.35.

PANICULATA—Fine for bouquets; white flowers; perennial. Pkt. 10c; ½ oz. 30c.

PANICULATA, DOUBLE SNOW WHITE—A fine double white flowering perennial sort.

Pkt. 25c; ¾ oz. 60c.

HELIANTHUS (Sunflower)

Tender annuals, growing from 3 to 8 feet high. Of the easiest culture and suitable for a stately row of background. Plant when the ground is well warmed, in light soil and in a sunny position.

ALL DOUBLE SUNGOLD—Large, densely doubled, bright golden flowers. The plant branches and affords fine long stout stems for cutting. Four feet. Pkt. 15c; ¼ oz. 35c.

CUCUMERIFOLIUS STELLA—Of dwarf branching habit; grows about 3 feet high and blooms profusely throughout the summer; flowers single orange-yellow, with black center.

Pkt. 10c; ¼ oz. 35c.

MAROON PRINCE—The best red, single sunflower. Four feet. Pkt. 10c; ¼ oz. 35c.

HELICHRYSUM (Strawflower)

A free flowering, hardy annual, growing 2 to 3 feet high and bearing beautiful straw-like flowers in a great variety of shades and colors. It is the best and most satisfactory of the everlasting flowers and makes a very handsome dried bouquet. Sow the seed in boxes in early spring or in the open ground later in spring and thin to 1 foot apart.

MONSTROSUM—Extra fine mixed.

Pkt. 15c; ¼ oz. 45c.



Gypsophila Elegans White

HEUCHERA (Coral Bells)

SANGUINEA SPLENDENS—A low growing hardy perennial plant with heart-shaped leaves, which form a low clump 6 to 8 inches high and bearing during early summer, loose graceful sprays of coral-red flowers in great profusion; suitable for the border or rockery. Pkt. 35c.

IPOMOEA (Morning Glory)

Ornamental climbers of rapid growth. Sow seeds in the open where they are intended to grow, in late spring when the soil is warm. Seeds may be started in small pots placed where they will be kept warm until sprouted.

HEAVENLY BLUE (Improved)—Large sky blue flowers, free bloomer and very beautiful. A sunny location and sandy soil are preferable, and fertilizer should not be used.

Pkt. 15c; ¼ oz. 50c.

PEARLY GATES—The glistening white flowers are 4 inches or more across when fully open. The vines are vigorous, grow rapidly in a warm climate and produce many flowers.

Pkt. 25c; ¼ oz. 75c.

SCARLETT O'HARA—Gold Medal Winner in the 1939 All-America Selections. Flowers are deep rosy crimson, about 4 inches in diameter.

Pkt. 20c; ¼ oz. 75c.

See **CONVOLVULUS** for other Morning Glories.

KOCHIA CHILDSII (Summer Cypress)

A half-hardy annual forming compact and symmetrical bushes about 2½ feet high. The light green foliage turns deeper in the summer, and then to a crimson hue in autumn. Sow seed in the spring, and transplant to 20 inches apart when well started.

Pkt. 10c; ¼ oz. 25c.

LATHYRUS (Everlasting Pea)

LATIFOLIUS—A hardy perennial climber. Leaves and stem smooth. Flowers resemble Sweet Peas, but are borne on strong stems, with 8 to 10 blossoms to the stem. Is not fragrant, but is hardy and showy, and thrives in any good soil.

Crimson, Pink Beauty or White Pearl. Each:

Pkt. 15c; ¼ oz. 45c.

Mixed.

Pkt. 10c; ¼ oz. 45c.

LAVATERA (Tree Mallow)

SPLENDENS ROSEA—A showy and free flowering hardy annual 3 to 4 feet tall. Brilliant rosy carmine flowers. Splendid for large beds where they bloom all summer; fine for cutting. Sow from March to May where they are to bloom and thin out to 12 inches apart. Pkt. 15c.



Gourds, Small Mixed

HOLLYHOCK (Althaea)

Hollyhocks make a fine row in a garden, or a good background next to a building or high fence. These hardy perennials are of upright, stately growth, 5 to 8 feet high and flower in summer and fall.

DOUBLE VARIETIES—Bright Red, Canary Yellow, Newport Pink (Pure Pink), White, Salmon-Rose.

Any of the above: Pkt. 15c; ½ oz. 70c.

DOUBLE, ALL COLORS MIXED.

Pkt. 10c; ½ oz. 50c.

INDIAN SPRING (Annual)—Large semi-double fringed flowers in shades of pink. Height, 4 to 5 feet. Pkt. 25c.

HONESTY—See *Lunaria*.

HUNNEMANNIA (Bush Eschscholtzia)

Seed sown in the open in April or early in May will, by the middle of July, produce plants covered with their large buttercup yellow, Poppy-like blossoms, and will flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. Fine for cutting.

FUMARIAEFOLIA—The original single form which has become known as the Santa Barbara Poppy. Pkt. 10c; ¼ oz. 45c.

SUNLITE—An attractive semi-double form.

Pkt. 15c; ¼ oz. 60c.



Double Hollyhock



Larkspur, Base Branching

LARKSPUR

In mild climates, best results are obtained if seed is sown October to February in the open ground where you want them to grow. The seeds are slow to germinate, requiring 3 to 4 weeks, so be sure to keep the soil moist until the plants are up, then thin them to stand 8 or 10 inches apart in the row. They thrive in full sun.

Hallawell's Base Branching Strain grows to a height of 3 to 4 feet, producing long slender flowering branches, which are excellent for cutting.

HALLAWELL'S BASE BRANCHING LARKSPURS

BLUE BELL—Clear light blue or silvery lavender.

Blue Spire—Intense deep blue, very beautiful in a bouquet with contrasting colors.

CARMINE KING—Lovely deep carmine rose.

EXQUISITE PINK IMPROVED—Pink, shaded salmon.

EXQUISITE ROSE—Beautiful shade of rose.

LOS ANGELES—Deep rose.

LILAC SPIRE—An attractive lilac blue.

MISS CALIFORNIA—Deep pink shaded salmon.

PINK KING—Long graceful branches of soft salmon rose.

WHITE KING—Pure glistening white.

WHITE SPIRE—Pure white.

Above separate colors: Pkt. 15c; ¼ oz. 65c.

SUPERB MIXTURE. Pkt. 15c; ¼ oz. 65c.

DOUBLE STOCK, FLOWERED MIXTURE.

Pkt. 10c; ¼ oz. 45c.

LAVENDER (Lavandula vera)

Munsted Strain—Chiefly cultivated for the delicious and lasting fragrance of its flower; succeeds in any common garden soil. Perennial. 1 foot.

Pkt. 15c; ¼ oz. 75c.

LINARIA (Baby Snapdragon)

Show hardy annuals with small Snapdragon-shaped flowers. Grows 12 to 15 inches tall; desirable for edgings and rockeries. Sow the seed in the open ground in the fall for early bloom or any time in spring until July for later flowering.

HALLAWELL'S EXCELSIOR MIXED.

Pkt. 15c; ¼ oz. 45c.

FAIRY BOUQUET—Compact plants 10 to 12 inches in height. Large flowers in a wide range of colors. A gem for the border or rock garden.

Pkt. 15c; ¼ oz. 45c.

LILIUM (Lily)

Perhaps you would like to grow your own lily bulbs. Some of them grow to blooming size very quickly, while others require more time. To grow lilies from seeds sterilize the soil and sow seeds in flats or ground beds in a cool greenhouse or frame. The following easy germinating species will show top growth within 3 to 8 weeks. Transplant carefully to plant bands or frames after seedlings are several months old.

DAURICUM—The lovely upright flowers are in shades of orange, flushed and spotted red. Height 1½ to 2 ft. Pkt. 35c.

PHILIPPINENSE FORMOSANUM (Late variety)—A superior form of the trumpet lily which we recommend highly. At present we can supply seed only, not having sufficient stock of bulbs to offer. It blooms late in the summer, bears up to eight flowers on a stem and grows 4 to 6 feet tall. Is fragrant. Prefers warm sunny situations. Pkt. 25c; 3 pks. 65c.

HENRYII—A fine Chinese species, often referred to as "Orange Speciosum." The flowers are bright golden yellow spotted brown, often as many as 20 to the plant. They grow 5 to 8 feet and are excellent for cutting. Pkt. 25c.

LONGIFLORUM SNOWDRIFT—This newly introduced strain is very free flowering and has a slight fragrance similar to that of the magnolia. It is pure white and 4 to 6 feet tall. Seed only. Pkt. 50c; 3 pks. \$1.25.

REGALE—The trumpet-shaped flowers are white, slightly suffused pink with a beautiful shade of canary yellow at the center. Hardy and delightfully fragrant. Pkt. 20c; ½ oz. 50c.

TENUIFOLIUM—One of our most popular small flowered lilies. The plants grow to 1½ feet bearing as many as 20 dainty waxy blooms of bright scarlet. Prefers full sun. Pkt. 25c.

WILLMOTTIAE—A hardy and dependable lily growing to 6 feet. Flowers are recurved and rich orange red. Pkt. 35c.

AURATUM—This lily is slow germinating from seeds requiring a period of warmth followed by a period of cold before top growth appears. It is one of the grandest lilies. Grows 4 to 6 feet, bearing white or ivory flowers, spotted crimson. Partial shade. Pkt. 35c; 3 pks. \$1.00.

LINUM (Flax)

RUBRUM (Scarlet Flax)—A hardy annual, about 1½ feet high, bright red flowers borne in great profusion. For a fine showing of color, sow from February to June out of doors. Pkt. 10c; ½ oz. 35c.

FLAVUM NANUM COMPACTUM (Golden Flax)—Glowing golden yellow flowers produced over a long period, and if cut back in late summer will bloom again through the fall months. A fine rock plant; perennial. Pkt. 25c.

PERENNE—Bright blue, 18 inches tall; hardy perennial. Pkt. 10c; ¼ oz. 35c.

LUNARIA (Honesty—Satin Flower)

BIENNIS ALBA—The flat silvery seed pods are used for winter decoration. Free-flowering, hardy biennial. 2 feet. Sow seeds in the open in partial shade in summer or early fall. Pkt. 15c.

LEPTOSYNE (Sea Dahlia)

MARITIMA—A profuse blooming half hardy annual with large lemon-yellow Marguerite-like flowers on long stems, good for cutting; 2 feet. Requires a sunny situation. Sow from February to June. Pkt. 15c; ¼ oz. 75c.

LOBELIA

A half hardy annual, growing 4 to 6 inches high; is of compact growth, and literally covered with small bright flowers. By cutting back the plants during the summer and giving plenty of water, they may be kept in flower for a long season. Used for ribbon work and borders or hanging baskets. Sow the seed in boxes from November to May and transplant when well started.

BLUE EMPEROR—Sky blue; compact habit of growth with bright green foliage. Pkt. 15c; ¼ oz. 75c.

CAMBRIDGE BLUE (New)—Fine light blue flowers, compact habit, 6 inches; very free blooming. Pkt. 25c; ¼ oz. 75c.

CARDINALIS (Queen Victoria)—A perennial sort growing 18 to 24 inches tall with spikes of deep crimson flowers; foliage, dark red. Succeeds best in moist ground. Pkt. 50c.

CRYSTAL PALACE COMPACTA—The variety most used for borders; deep blue flowers and dark foliage; 6 inches; a constant bloomer. Pkt. 15c; ¼ oz. 60c.

SAPPHIRE—A superb variety of pendulous habit; large deep blue flowers with conspicuous white eye; suitable for window boxes and hanging baskets. Pkt. 15c; ¼ oz. 50c.

LUPINUS (Lupin)

Hardy annuals and perennials in great variety, growing from 1 to 4 feet high, and bearing spikes of pea-shaped flowers. Sow the seeds where you want them to grow and thin to 6 inches apart.

HALLAWELL'S ANNUAL LUPINS

HALLAWELL'S GIANT MIXTURE—This is the best annual Lupin in our Trials. Plants grow 3 to 4 feet tall with straight erect spikes of flowers in very desirable colors. Pkt. 25c.

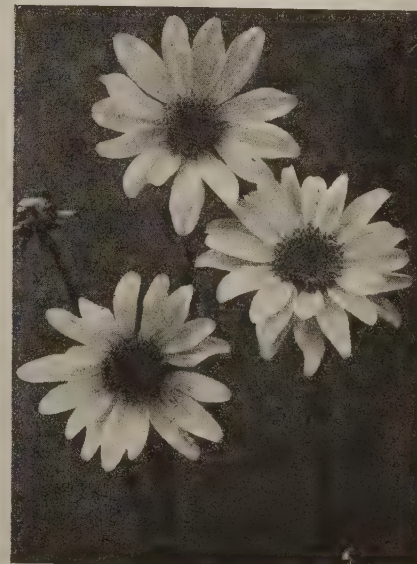
ANNUAL SORTS—Mixed.

Pkt. 10c; ½ oz. 35c; oz. 60c.

NANUS—A showy California wild flower, 10 to 15 inches high; flowers rich blue with white markings. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$4.50.

PERENNIAL SORTS—Height, 4 Feet

NEW RUSSELL LUPINS—An English introduction proven to be the last word in perennial Lupins, and to contain a wonderfully complete range of colors. Awarded the Gold Medal of the R. H. S. in June, 1937. Pkt. 25c; ¼ oz. 70c.



Leptosyne Maritima (Sea Dahlia)

Hallawell's CALIFORNIA MARIGOLDS

Illustrated in Color on Page 5.

Marigolds are easily grown from seed and there are tall or dwarf varieties for many purposes. Varieties listed here are the best of the various types. If you live in the Bay area, visit our Nursery gardens during the blooming season. You will find many Marigolds on display. In San Francisco Marigolds are very useful for late fall bloom from seeds sown during the summer months and the little French and Harmony types are very popular for window boxes. All of them have a long blooming season.

MISSION TYPE

GOLDSMITH (1941 All-America)—Giant golden orange flowers, 4 inches across produced generously on plants 4 feet tall. The flower is made up of narrow curled petal resembling a golden incurved chrysanthemum. Pkt. 15c; 1/8 oz. 50c.

YELLOWSTONE (Honorable Mention 1942 All-America Selections)—Bright, golden yellow flowers handsomely fresh and clean. Large 4-inch blooms grace the 4-foot well branched plants. Pkt. 20c; 1/8 oz. 50c.

GIGANTEA

ORANGE SUNSET (Full Double)—The rich orange flowers are 5 inches in diameter, and the strain will produce 65 per cent or more of double flowers. A fine separate color offspring of the highly popular Sunset Giants; height 3 feet. Pkt. 20c; 1/8 oz. 60c.

SUNSET GIANTS MIXTURE—Huge loosely formed, full centered flowers in shades of orange and yellow. Pkt. 15c; 1/4 oz. 75c.

DWARF GIGANTEA

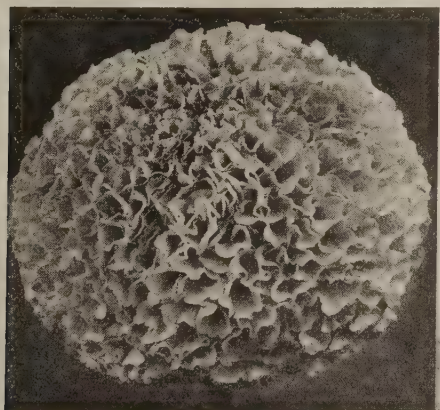
POT O' GOLD—Bright orange flowers of the Sunset Giant form, 4 inches in diameter, on well branched compact plants, 12 to 15 inches in height. Early and free flowering. Pkt. 15c; 1/8 oz. 75c.

RED AND GOLD HYBRIDS

ASSORTED SHADES—Hybrids between African and French marigolds. Flowers are 2 1/2 to 3 inches in diameter, some of them solid red, and the others combinations of red and gold. Very early and long flowering; height 18 inches. Pkt. 25c; 1/8 oz. \$1.00.

MARIGOLD

DWARF DOUBLE FRENCH—Height, 1 Foot.
BUTTERBALL (Bronze Medal 1942 All-America Selections)—This exquisite variety bears dozens of flowers on dwarf compact plants. The color is velvety butter-yellow, the flowers are Crested Harmony type. Excellent for garden plot or border. Pkt. 15c; 1/4 oz. 60c.



African. All Double

TAGETES

MELODY (Bronze Medal 1942 All-America Selections)—Dwarf Double French of the popular Harmony type but in a solid bright orange color. The plants are compact, about 12 inches high and are covered with bloom for a long season. Use for edgings, mass, or pot plants. Pkt. 15c; 1/4 oz. 50c.

ROYAL SCOT DWARF—Beautifully striped, mahogany and gold. Pkt. 15c; 1/4 oz. 65c.

GOLDEN BALL. Pkt. 15c; 1/4 oz. 35c.

LEMON BALL. Pkt. 15c; 1/4 oz. 35c.

SCARLET GLOW (1941 All-America)—Dwarf double French type. Plants are 10 inches tall and are well covered with flowers 1 3/4 inches across, which vary interestingly from deep scarlet to tangerine yellow. Pkt. 15c; 1/8 oz. 50c.

SPRY—Dwarf double French type. Crested center of clear orange yellow surrounded by mahogany guard petals. Early and free flowering. Pkt. 15c; 1/8 oz. 50c.

YELLOW PIGMY—Small light lemon-yellow double flowers, borne freely on compact plants only 8 inches tall. Pkt. 15c; 1/8 oz. 50c.

HALLAWELL'S HARMONY SPECIAL MIXTURE—This is a fine mixture of crested Harmony type hybrids, presenting a wide and varied range of striking color combinations. Pkt. 20c; 1/4 oz. 50c.

HALLAWELL'S EARLY FLOWERING DOUBLE MIXTURE—This is a fine new and improved selection of Dwarf Double French type. It blooms very early and flowers are of good double form. Pkt. 15c; 1/8 oz. 35c.

DWARF SINGLE FRENCH— Height, 9 to 10 Inches

SIGNATA PUMILA GNOME—A miniature variety forming very dwarf plants with fern-like leaves densely covered with small single orange flowers. Pkt. 15c; 1/8 oz. 65c.

HALLAWELL'S LARGE AFRICAN QUILLED MARIGOLDS—Height, 2 1/2 to 3 Feet

ALL DOUBLE ORANGE—An improved strain which produces practically one hundred per cent double flowers. Pkt. 15c; 1/8 oz. 70c.

ALL DOUBLE LEMON—Identical to the preceding variety except in color, which is a clear lemon yellow. Pkt. 15c; 1/8 oz. 70c.

ALL DOUBLE MIXED. Pkt. 15c; 1/8 oz. 50c.

MARIGOLD

TALL FRENCH—Height, 2 1/2 Feet

FERDINAND—A sprightly and gay French Marigold, with a golden yellow crest in the center, surrounded by a single row of broad guard petals, mahogany-red in color. Early flowering and fine for cutting; height, 20 to 24 inches. Pkt. 15c; 1/8 oz. 40c.

ROYAL SCOT—Gold, striped maroon. Pkt. 15c; 1/4 oz. 65c.

TALL DOUBLE FRENCH MIXED—A very fine strain. Pkt. 10c; 1/4 oz. 50c.

CALIFORNIA DOUBLE—Height, 3 Feet

GUINEA GOLD (The true original strain)—Semi-double flowers, 2 to 2 1/2 inches in diameter, brilliant orange in color with broad wavy petals. Pkt. 15c; 1/4 oz. 50c.

YELLOW SUPREME—Clear lemon yellow. Pkt. 15c; 1/4 oz. 50c.

BURPEE GOLD IMPROVED (New)—Described by the originator as bright orange, odorless foliage. It is of the Guinea Gold type. Pkt. 25c; 3 Pkts. 65c.



Marigold, Butterball



Marigold, Sunset Giants



Double Sweet Scented Golden Gleam

MECONOPSIS (Himalayan Poppy)

BAILEYII—The new and beautiful blue Thibetan poppy. It is a graceful plant, with downy pale green leaves, the brilliant Cambridge-blue pendant flowers, 4 inches across, being carried singly on stems about 2 feet high. Hardy perennial, thriving best in a shaded position. Seed is very slow in starting and sometimes many months may elapse before seedlings appear. Pkt. 50c.

MESEMBRYANTHEMUM

CRINIFLORUM (Livingstone Daisy)—Low growing annual plant of semi-spreading habit, covered with large daisy-like flowers with yellow centers, in many attractive shades. An ideal plant for edging or the rockery; succeeds in poor soil. Pkt. 25c; 1/8 oz. 75c.

MIGNONETTE (Reseda)

A fragrant hardy annual which grows easily from seed sown out in the garden and thinned to 4 to 6 inches.

GOLIATH "Extra Select"—Enormous red spikes, very fragrant. Pkt. 10c; 1/4 oz. 50c.

GIANT FLOWERED MACHET—Broad heavy spikes closely set with large florets of a gray color, deliciously scented. Pkt. 10c; 1/4 oz. 35c.

SWEET SCENTED (Reseda odorata)—The spikes are small, but very sweet scented. Pkt. 10c; oz. 60c.

MIRABILIS (Four O'Clock)

Free flowering garden favorite usually treated as an annual; forms bushy plants 2 feet in height. The flowers open in the late afternoon, remaining expanded until the next morning.

Mixture. Pkt. 10c; 1/2 oz. 30c.

MYOSOTIS (Forget-Me-Not)

A hardy perennial of easy culture which thrives best in a cool, moist location; grows 6 to 12 inches high. Sow seed in summer or fall for next season's bloom.

ALPESTRIS—Blue. Pkt. 15c; 1/8 oz. 50c.

INDIGO or ROYAL BLUE—A rich dark indigo-blue color. Pkt. 10c; 1/8 oz. 45c.

BLUE PERFECTION—Beautiful dwarf indigo-blue, very compact. Pkt. 15c; 1/8 oz. 85c.

BLUE BIRD (Oblongata)—Bright, deep blue flowers. A winter blooming variety that will tolerate more sun than most Forget-Me-Nots. Height 1 foot. Pkt. 25c; 1/8 oz. 85c.

MIMULUS (Monkey Flower)

A free-flowering, hardy perennial, growing from 6 inches to 1 foot high. Useful for window gardens and pot work or for garden in a moist, shady situation. Blooms first year from seed if sown early.

QUEEN'S PRIZE—An improved strain of *M. Tigrinus* or Monkey Flower. The large flowers are spotted in various colors. Pkt. 25c; 1/8 oz. \$1.50.

NASTURTIUM (Tropaeolum)

Nasturtiums prefer dry, rather rocky soil, such as we usually call "poor" soil, and bear their flowers in such locations in greater profusion than in a rich garden, where they run too much to foliage. This adds to their value for planting over many unsightly places. Water sparingly. Sow the seed where it is to remain late in the spring after danger of frost is over. It is seldom necessary to thin the young plants.

DOUBLE VARIETIES

APRICOT GLEAM. Pkt. 15c; oz. 40c.

GOLDEN GLEAM—Golden yellow, sweet scented. Pkt. 15c; oz. 40c.

MAHOGANY GLEAM—Dark mahogany red. Pkt. 15c; oz. 40c.

SALMON GLEAM (Supreme)—Salmon cerise. Pkt. 15c; oz. 40c.

SCARLET GLEAM—Fiery scarlet. Pkt. 15c; oz. 40c.

GLEAM HYBRIDS MIXTURE. Pkt. 15c; oz. 40c.

DWARF DOUBLE NASTURTIUMS

GOLDEN GEM—Golden yellow. Pkt. 15c; oz. 50c.

MAHOGANY GEM—Deep mahogany. Pkt. 15c; oz. 50c.

SALMON GEM. Pkt. 15c; oz. 50c.

SCARLET GEM—Bright scarlet. Pkt. 15c; oz. 50c.

GEM MIXTURE—Dwarf, compact plants in an excellent range of color. Pkt. 15c; oz. 50c.

SINGLE TALL or CLIMBING

TALL VARIETIES MIXED—All varieties, in a splendid mixture. Pkt. 15c; oz. 35c.

SINGLE DWARF

DWARF VARIETIES MIXED—A splendid mixture of all varieties. Pkt. 15c; oz. 35c.

NEMESIA

This free-blooming annual grows about 12 inches. The flowers of this improved strain come in all shades of purple, pale yellow, white, red, orange, pink and rose, spotted and blotched, making a splendid effect when planted in a bed or border. They are also used as a pot plant. Sow from February to May for summer blooming. In mild sections a sowing may be made in August or September for spring flowering. Be patient, it's slow germinating.

STRUMOSA GRANDIFLORA MIXED—Many beautiful colors, 10 to 12 inches tall.

Pkt. 20c; 3 pkts. for 50c; 1/8 oz. \$1.00.

TRIUMPH MIXED—Hallawell's Special. Compact form, 6 to 8 inches tall.

Pkt. 20c; 3 pkts. for 50c; 1/8 oz. \$1.00.

NEMOPHILA

A hardy annual California wild flower, growing about 6 inches high. Has small cup-shaped blossoms in shades of blue and white. Sow in the open ground in the fall or spring. Fine ground cover for bulb beds.

INSIGNIS (Baby Blue Eyes)—Sky blue with white eyes. Pkt. 10c; oz. 60c; 1/4 lb. \$1.75; lb. \$5.00.

MIXED. Pkt. 10c; oz. 60c; 1/4 lb. \$1.75.

MINA LOBATA

A beautiful free-blooming half hardy annual climber with scarlet and yellow flowers. Sow in the open in late spring after danger from frost. Pkt. 25c; 1/8 oz. 75c.

NICOTIANA

AFFINIS WHITE (Tuberose-Flowered Tobacco)

—Delightfully sweet-scented, pure white tubular flowers, blooming continually; half hardy annual; 2 to 3 feet. Pkt. 15c; 1/8 oz. 35c.

AFFINIS HYBRIDS—A new large flowering type with various bright-colored blossoms. Pkt. 10c; 1/8 oz. 30c.

NIEREMBERGIA (Cup Flower)

HIPPOMANICA (Coerulea)—Forms a cushion of gray green foliage which is covered throughout the entire summer with lovely lavender blue flowers with yellow eyes. For edgings, rock walls, rockeries, or window boxes. A half-hardy perennial. Pkt. 25c.

PURPLE ROBE—Rich, deep violet purple. Pkt. 50c.

NIGELLA (Love-in-a-Mist)

A hardy annual, 18 inches high, with finely cut foliage. Oddly shaped blossoms in blue and white, and curious seed pods. Of easy culture. Sow in the open in fall or spring.

MISS JEKYLL—A long-stemmed sort with beautiful Cornflower-blue blossoms. Pkt. 10c; 1/4 oz. 45c.

PENTSTEMON (Beard Tongue)

One of the most satisfactory flowers for the hardy perennial border. Grows 2 feet high and will bloom the first season if seed is sown early.

GIGANTEUS MIXTURE—New giant variety, largest blooms in many rare shades. Extra fine strain. Pkt. 25c; 1/8 oz. 75c.

MINIATURE HYBRIDS—A new hybrid variety producing in great profusion small flowers in a good range of colors; very graceful and good for cutting, 2 1/2 to 3 feet high.

Pkt. 25c; 1/8 oz. 75c.

BLUE GEM—Flowers very bright blue; particularly desirable for rock garden. Height 1 to 2 feet. Pkt. 25c; 1/8 oz. 75c.



Nemesis. strumosa grandiflora

CALIFORNIA PANSIES

Hallawell's Select Strains

Pansies thrive in a partially shaded location and in a loose soil, enriched with decayed manure, which should be well dug into the soil. Seed should be sown in the fall for early spring blooming, and early in the year until May for flowers in the spring and summer. Sow the seed in a flat or frame, taking care in warm weather that the seed bed is kept cool and moist, and when the plants are large enough, transplant to stand 6 inches apart.

PANSIES

AMERICAN GIANTS—Introduced by Hallawell's in 1942 and highly acclaimed by many prominent horticulturists who visited our Nursery Garden Trials. **AMERICAN GIANTS** have everything desired in pansies—size, substance, stem, as well as great variety of lovely color combinations.

Pkt. \$1.00; 3 pkts. for \$2.50.

GENEVA GIANT SPECIAL MIXTURE—Our own special strain, a tried and true favorite, always in demand. Large flowers, good stems, and bright shades.

Pkt. 50c; 3 pkts. \$1.25; $\frac{1}{8}$ oz. \$2.25; $\frac{1}{4}$ oz. \$7.50.

HALLAWELL'S JUMBO—A superb strain of extra size Pansies, selected for their splendid form and striking color combinations.

Pkt. 50c; 3 pkts. \$1.25; $\frac{1}{8}$ oz. \$2.00; $\frac{1}{4}$ oz. \$6.00.

GIANT PANSIES

ALPENGLOW—Rich velvety red with three dark blotches.

Pkt. 35c; 3 pkts. 90c.

ALPINE SNOW—Largest pure white.

Pkt. 35c; 3 pkts. 90c.

BERNA—Velvety violet blue, long stem, large well-formed flowers.

Pkt. 35c; 3 pkts. 90c.

CORONATION GOLD—A very large, pure golden yellow.

Pkt. 35c; 3 pkts. 90c.

RHINEGOLD—Golden yellow with deeper brown blotches on the three lower petals.

Pkt. 35c; 3 pkts. 90c.

ULLSWATER—Rich ultramarine-blue with dark blue blotches.

Pkt. 35c; 3 pkts. 90c.

SUPER SWISS GIANTS MIXED—Flowers of mammoth size in a good range of colors; the rich dark colors predominating.

Pkt. 25c; $\frac{1}{8}$ oz. \$1.25; $\frac{1}{4}$ oz. \$2.00.

TRICOLOR (Johnny-Jump-Up)—The miniature pansy of the old fashioned garden. The two upper petals are purple, the three lower, white shading to yellow in the center.

Pkt. 50c; 3 pkts. \$1.25.

PORTULACA

MOSS ROSE

A creeping annual with thick stems and foliage, bearing brilliant colored cup-shaped flowers during the entire summer. This plant is suitable for rockeries and banks and will grow and bloom profusely in a dry, hot situation. In sowing, mix the seed with dry sand to insure an even distribution. Sow in the late spring when the ground is warm.

SINGLE MIXED—A large variety of the most brilliant colors.

Pkt. 15c; $\frac{1}{8}$ oz. 75c.

DOUBLE MIXED—The most brilliant shades and choice flowers.

Pkt. 25c; $\frac{1}{8}$ oz. \$1.00.

POPPY

ICELAND POPPIES (Nudicaule)

While these are hardy perennials, they flower the first year from seed if sown fairly early. The plants are of graceful compact habit with low fern-like foliage, from which issue slender

stalks about 15 inches high, bearing their brilliant flowers in endless profusion. Most useful for cutting, for which purpose pick when in bud.

HALLAWELL'S PASTEL TINTS—In many lovely shades with the usual long stems and large flowers which characterize our strains of Iceland Poppies. A large bowl of them is very beautiful.

Pkt. 25c; $\frac{1}{8}$ oz. \$1.00.

RED CARDINAL—Brilliant cardinal red.

Pkt. 20c; $\frac{1}{8}$ oz. 60c.

THE EMPEROR—Large flowers of deep tangerine-orange, with broad fluted petals.

Pkt. 25c; $\frac{1}{8}$ oz. 60c.

THE EMPRESS—Large flowered salmon-rose shades.

Pkt. 20c; $\frac{1}{8}$ oz. 60c.

YELLOW WONDER—Large flowers of bright buttercup yellow.

Pkt. 20c; $\frac{1}{8}$ oz. 60c.

SUNBEAM MIXTURE—A large flowered and strong growing strain of Iceland Poppy. The colors are also very rich.

Pkt. 15c; $\frac{1}{8}$ oz. 75c.

SANDFORD'S GIANT STRAIN (New)—Immense flowers and very strong, long stems. A beautiful range of color.

Pkt. 25c; $\frac{1}{8}$ oz. \$1.00.

ANNUAL POPPIES

Annual Poppies should be sown in the open ground where they are to remain.

THE SHIRLEY—Finest mixed. Pkt. 10c; oz. 60c.

SHIRLEY DOUBLE MIXED—A beautiful strain of double Shirley Poppies containing many new salmon shades.

Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 75c.

AMERICAN LEGION—An improved Flanders Poppy with large single flowers of a rich dazzling orange-scarlet color. 2 feet high.

Pkt. 10c; oz. 75c.



Hallawell's Jumbo Pansies

RANUNCULUS (Persian Buttercup)

These spring blooming plants grow 1 foot or more high and may be planted in a sunny or light shaded position. The flowers are double and semi-double, last well after cutting, and come in a wide range of brilliant colors. Sow seeds in boxes in the fall for bloom in the spring. Seed may require from 3 to 6 weeks to germinate, and the soil must not be permitted to dry out.

Hallawell's New Hybrid Mixture: Pkt. 35c.

RICINUS

CASTOR OIL BEAN

An annual which persists as a perennial in mild climates. Grows to a height of from 6 to 15 feet, and has large ornamental foliage. Sow the seed from March until June.

ZANZIBARENSIS—A large-leaved variety, deep green and bronze, growing 10 to 15 feet high.

Pkt. 10c; oz. 40c.

PYRETHRUM (Persian Daisy)

PARTHENIFOLIUM AUREUM or **GOLDEN FEATHER**—Small cut leaves of bright golden yellow. A hardy perennial, with bright foliage, much used for edging and borders. Seed can be sown from September to March and transplanted.

Pkt. 15c; $\frac{1}{8}$ oz. 40c.

ROSEUM, IMPROVED SINGLE AND DOUBLE HYBRIDS—A hardy perennial bearing large cosmos-like flowers with bright yellow centers; blooms in May and June and again in the fall and is one of the most graceful and long lasting cut flowers; 2 feet. A re-selected strain with rose and pink shades predominating with some reds and very few whites. Sow from May to September.

Pkt. 25c; $\frac{1}{2}$ oz. 75c.



Petunia, Giant Midget

POPPY (Papaver) ORIENTAL POPPIES

Majestic summer flowering hardy perennial plants with numerous leafy stems about 2½ feet and large showy flowers having a conspicuous black blotch on each petal. The plants disappear in summer but appear again as soon as the weather becomes cool. Start seed during summer or early fall for next season's bloom. Sow in boxes or in the open ground and transplant when of suitable size.

SCARLET—Vivid scarlet. Pkt. 25c.

PHACELIA (California Bluebell)

CAMPANULARIA—A hardy California wild flower. The saucer-shaped flowers are a beautiful clear deep blue color with contrasting white stamens, 9 inches high. Pkt. 10c; ½ oz. 60c; oz. \$1.00.

WHITLAVIA (Wild Canterbury Bell)—Large, violet-purple bell-shaped flowers. Hardy annual 1 to 1½ feet high. Sow seed of both varieties in the open either in the fall or spring. Pkt. 10c; ½ oz. 60c; oz. \$1.00.

PHLOX

DRUMMONDII—For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large, brilliant flowers throughout the summer. Sow the seed in boxes in the fall for early flowers, or in the open in spring, and thin to 6 inches.

GIGANTEA

RED GLORY (Honorable Mention 1942 All-America Selections)—Brilliant red with a large creamy white eye. Habit of growth and size of flower is identical to Giant Art Shades. Pkt. 25c; ½ oz. 85c.

ROSY MORN (Bronze Medal 1941 A.A.S.)—Rose-pink with white eye. Pkt. 25c; ½ oz. 85c.

SALMON GLORY (Gigantea)—Salmon with creamy white eye. Silver Medal 1939 All-America Selections. Pkt. 25c; ½ oz. 85c.

GIANT ART SHADES MIXTURE. Pkt. 25c; ½ oz. 90c.

GRANDIFLORA

CHAMOIS ROSE **PURE WHITE**
COCCINEA—Scarlet **ROSE**
LILAC **YELLOW**

Each of above: Pkt. 25c; ½ oz. \$1.25.

FINE MIXED—A choice mixture of all colors of the larger types. Pkt. 25c; ½ oz. \$1.20.

DWARF MIXTURE—Select compact strain. Pkt. 25c; ½ oz. \$1.50.

STAR MIXTURE. Pkt. 25c; ½ oz. \$1.50.

HALLAWELL'S PETUNIAS

Illustrated in Color on Page 6.

No flower surpasses the petunia for massing in beds. They do well sown in open border in spring or earlier in the cold frame or hotbed. Be careful not to cover the small seeds too deeply. Seeds of double varieties do not all produce double flowers; save the weaker seedlings, as they usually give the finest double flowers. Have you ever tried Petunias for cut flowers? By cutting the flowers with long stems the plants are improved and the blooming season is prolonged. The large ruffled or fringed varieties make lovely bouquets and they keep well in water, too. Sow the seeds in flats January to May.

GIANT RUFFLED SORTS

GIANT MIDGET—Huge flowers on small plants, suitable for pots, window boxes or beds. The flowers are ruffled and fringed with open well marked throats. For pot specimens let the first two or three flowers bloom, then pinch back regularly, and they will branch into fine pot plants. **Mixture**. Pkt. 50c; 3 pkts. \$1.25.

GLAMOUR—Outstanding in its coloring. Glamour is a beautiful shade of salmon rose, delicately veined brown in the creamy open shallow throat. Flowers 5 to 6 inches in diameter, heavily ruffled, producing freely on strong growing plants about 1½ to 2 feet when fully grown. They begin blooming while the plants are small and the first flowers are large. Pkt. 50c; 3 pkts. \$1.25.

RUFFLED GIANTS OF CALIFORNIA—Flowers of extraordinary size and substance in a fine mixture of light and dark shades. Pkt. 50c; 3 pkts. \$1.25.

DOUBLE PETUNIA

Double petunias are extremely interesting because the forms are so varied. Not all of them will be full double, but the semi-double forms are beautiful, too, and are most desirable for garden show.

GIANT DOUBLE FRINGED—This strain produces a large percentage of double flowers in a splendid variety of colors. Pkt. 50c; 3 pkts. \$1.25.

FRINGED VARIETIES

THEODOSIA IMPROVED—Here is a Petunia that has a color combination all its own. It is bright rosy pink with a golden center and it is beautiful. Pkt. 35c; 3 pkts. 90c.

DAINTY LADY—Light yellow with a beautifully fringed and lacy edge. Pkt. 35c; 3 pkts. 90c.

WHITE BEAUTY—Large white flowers with edges deeply frilled and fringed. Pkt. 35c; 3 pkts. 90c.

COMPACT RUFFLED

MARTHA WASHINGTON—Compact plants 9 inches high, smothered with frilled blooms about 3 inches in diameter. Color is flesh pink with the center veined wine red. Pkt. 25c; 3 pkts. 65c.

RUFFLED COMPACTA—This distinctly new Petunia has large well ruffled blooms on dwarf compact plants. It contains many lovely color combinations. Pkt. 50c; 3 pkts. \$1.25.

SINGLE BEDDING COMPACT

If planted early these petunias have a very long blooming season and are very colorful. They are easy to grow and will succeed in most any ordinary soil. Sow the seeds in flats and transplant to the garden when sufficiently large. It is suggested by some petunia growers that the soil should **not** be "firmed" to the seed when planted.

CELESTIAL ROSE—Deep rose on compact plants about 1 foot high. Pkt. 20c; ½ oz. 75c.

CREAM STAR—Creamy white, star shaped flower, golden yellow in the center. Pkt. 15c; ½ oz. 60c.

GLOW (Silver Medal 1940 A.A.S.)—Bright rose-red with lighter throat; free flowering. Pkt. 15c; ½ oz. \$1.00.

HEAVENLY BLUE, Reselected—Silvery light blue flowers; varies somewhat in color. Pkt. 15c; ½ oz. 85c.

ROSE OF HEAVEN—Brilliant rose-pink. Pkt. 15c; ½ oz. 60c.

ROSY MORN—Soft, rosy pink with white throat. Pkt. 15c; ½ oz. 65c.

SALMON SUPREME—Salmon pink. Pkt. 25c; 3 pkts. 65c.

VELVET BALL—Deep mahogany red flowers, larger than others in this group. Pkt. 25c; 3 pkts. 65c.

SNOWBALL—Flowers pure white. Pkt. 15c; ½ oz. 75c.

VELVETY BLUE—Rich violet-blue. Pkt. 15c; ½ oz. 60c.

MINIATURE COMPACT PETUNIAS

ROSE GEM—Similar in habit to Pink Gem. Color is a rich, deep rose. Pkt. 15c; ½ oz. \$1.00.

VIOLET GEM (New)—Rich violet-blue. Pkt. 15c; ½ oz. \$1.00.

WHITE GEM—Pure white. Pkt. 15c; ½ oz. \$1.00.

MINIATURE MIXED. Pkt. 15c; ½ oz. 75c.

SINGLE BEDDING PETUNIAS

ELK'S PRIDE—The very popular velvety deep violet in a large flowering single. Pkt. 35c; 3 pkts. 85c.

RADIANCE (Silver Medal 1941 A.A.S.)—Cerise-rose with undertone of salmon and yellow throat. Pkt. 25c; ½ oz. 90c.

LARGE-FLOWERED FINEST MIXED—Flowers of very choice colors, large size and free blooming. Pkt. 15c; ½ oz. \$1.00.

GOOD MIXED—A complete mixture of all colors. Pkt. 10c; ½ oz. 75c.

BALCONY PETUNIAS

A splendid free-flowering type either for bedding or window boxes. Flowers average 3 inches across.

BLACK PRINCE—Deep velvety red. Pkt. 15c; ½ oz. 75c.

BLUE—Velvety indigo-blue. Pkt. 15c; ½ oz. 60c.

CORNFLOWER BLUE. Pkt. 15c; ½ oz. 50c.

ROSE—Brilliant rose pink. Pkt. 15c; ½ oz. 50c.

WHITE—Pure white. Pkt. 15c; ½ oz. 50c.

BALCONY MIXED. Pkt. 15c; ½ oz. 50c.

PLATYCODON (Balloon Flower)

GRANDIFLORUM—Also known as *Wahlenbergia*. A free-flowering perennial of dense habit, 18 inches high, which is useful for rock garden and border. The balloon-shaped buds are interesting and almost as attractive as the steel blue, star-shaped flowers. In bloom from June to October. Pkt. 15c; ½ oz. 85c.

PRIMULA (Primrose) SINENSIS

The Chinese Fringed Primrose are very desirable for the greenhouse. Sow in April or May for winter blooming, cover lightly and keep moist. Transplant when second leaf appears and keep shifting plants as they grow.

GIANT SINGLE FRINGED VARIETIES—Excellent Mixture 100 seeds. Pkt. 50c.

VARIOUS PRIMROSES

BULLEYANA—The flowers shade from buff through apricot to orange and are quite distinct from those of any other hardy Primula. The plant is perfectly hardy and is also well worth growing in pots. Height 2 feet. Pkt. 50c.

PULVERULENTA BARTLEY STRAIN—A strong growing hardy Primula with numerous tiers of flowers in shades of pink, produced on sturdy tall stems. Valuable for shaded and damp places. Pkt. 50c.

OBCONICA

GIANT MIXED—May be grown as pot plants in the greenhouse or transplanted to the border for blooming during the summer season. Seeds germinate easily in good porous loam which contains no peat moss or leaf mold. Sow in February or March for blooms the same year. Pkt. 50c; 3 pkts. \$1.35.

MALACOIDES

Early and profuse bloomers. Seeds sown in January should bloom by May. August sowings will give a fine display of blooms during the winter months.

LILAC—Small, light lilac flowers.

Pkt. 20c; ½ oz. \$1.50.

TRUE ROSE—Limited supply. Pkt. 50c.

SWEETEART—New giant salmon-pink edged white. Pkt. 50c.

TWINKLES (New Double)—Flesh pink edged rose. Pkt. 50c.

FAIRY JEWELS (Double)—Rich rose-pink. The extra rows of petals appear first as a tuft in the center, later lying flat as the flower matures. Pkt. 50c.

LAVENDER GLORY—Very large flowers of soft mauve-lavender. Pkt. 35c.

SNOW FLAKE—Large glistening pure white florets. Pkt. 35c.

HARDY PRIMROSES

POLYANTHUS GIANT SUPERB MIXED—Extra choice strain, most carefully selected for habit, rich colors and size of bloom.

Pkt. 35c; 3 pkts. 90c.

POLYANTHUS YELLOW—Clusters of golden yellow flowers on stems sufficiently long to make good bowl arrangements. They thrive in partial shade.

Pkt. 50c; 3 pkts. \$1.25.

SANVITALIA (Creeping Zinnia)

PROCUMBENS FL. PL.—An excellent annual edging plant growing 6 inches high, with small double yellow flowers produced in abundance all summer. Pkt. 15c; 3 pkts. 40c; ¼ oz. 65c.



Salpiglossis, Emperor Mixed

SALPIGLOSSIS

A very beautiful hardy annual, bearing large trumpet-shaped flowers of velvety texture; penciled, netted and veined, in charming colors. They are excellent for cutting and bloom for a long season. Do not keep them too wet.

SELECTED EMPEROR MIXED—A very rich mixture. Pkt. 15c; ⅛ oz. 50c.

DWARF GIANT FLOWERED MIXTURE—More compact and with larger flowers. Height, 20 to 24 inches. Pkt. 35c.

SALVIA (Flowering Sage)

Scarlet and Blue Sage are usually treated as annuals. Start the seed from January to May, and set out plants when the weather has become warm. Other varieties are treated as perennials (sown May to October) except *Salvia Carduacea*, which is an annual.

FIREBRAND—Fiery scarlet; extra early and very dwarf. Pkt. 25c; ⅛ oz. \$1.00.

FARINACEA BLUE BEDDER—A more compact form of this popular hardy perennial variety, making it more desirable for bedding. Flowers deep blue. Pkt. 25c; ⅛ oz. 75c.

CARDUACEA (Thistle Sage)—A hardy annual California wild flower with thistle-like woolly foliage and rich lavender flowers in large heads. Sow from October to June; 1 to 2 feet tall.

Pkt. 15c; ¼ oz. 50c; oz. \$1.50.



Scabiosa, Blue Moon

SCABIOSA (Pincushion Flower)

ANNUAL VARIETIES

Sow the seed any time in the fall or spring, either in boxes to transplant or in the open ground. Scabiosa grow about 3 feet high, and come into bloom early in July, and continue without interruption until hard frost. Splendid for cutting.

HALLAWELL'S GIANT SCABIOSA SPECIAL STRAINS

BLUE MOON—Deep lavender-blue flowers, full double with high center.

HEAVENLY BLUE—Large azure-blue flowers on 18 to 20-inch stems.

LOVELINESS—Salmon rose shades.

ORCHID SHADES.

PEACE—Pure white—All-America Selection 1941.

HALLAWELL'S GIANT HYBRIDS—There are many lovely shades in this mixture, including the new and rare varieties of recent introductions.

Each of the above: Pkt. 15c; ½ oz. \$1.00.

FIRE KING—A brilliant scarlet.

PEACH BLOSSOM—Light pink.

DOUBLE BEDDING MIXTURE—A good range of colors, including some of the old-fashioned pincushion.

Any of the above: Pkt. 15c; ¼ oz. 60c.

HARDY PERENNIAL SORTS

COLUMBARIA—Fine orchid-pink flowers on long stems; spreading habit and very free flowering. Flowers slightly smaller than *Caucasica*, but a good companion.

Pkt. 25c; 3 pkts. 40c; ¼ oz. 75c.

HOUSE'S HYBRIDS—An improvement over the *Caucasica* with larger flowers and longer stems. The colors range from light lavender to dark blue. Pkt. 25c; ¼ oz. \$1.50.

SAPONARIA (Soapwort)

VACCARIA—A pretty and useful annual variety, bearing an abundance of satiny pink flowers somewhat like an enlarged *Gypsophila*; fine for cutting; 2 feet tall. Sow in the open from August to June. Pkt. 10c; 3 pkts. 25c; oz. 45c.



Polyanthus Primrose

*Shasta Daisies***SHASTA DAISY****(Chrysanthemum maximum)**

A fine perennial plant bearing large white single blossoms with yellow centers; an excellent cut flower and admired everywhere. Soak seed in warm water overnight before sowing. Sow in boxes and transplant when well started.

ALASKA—Large single flowers.

Pkt. 15c; ¼ oz. 70c.

HALLAWELL'S GIANT DOUBLE—(Variable.)

Pkt. 35c; ½ oz. \$1.00.

WHITE QUEEN—This is a very good selection of Shasta for cutting or for borders. Plants grow about 2½ feet tall, bearing many medium sized flowers.

Pkt. 25c; ½ oz. 60c.

SMILAX (Myrsiphyllum)

ASPARAGOIDES—A tender perennial twining climber with small glossy green leaves. Start seed under glass and transfer to a sheltered position after the weather has become warm.

Pkt. 15c; ½ oz. 35c.

*Statice, Suworowii***SCHIZANTHUS (Butterfly Orchid)**

Extremely showy half hardy annual with fern-like foliage. The seed germinates readily and in a few weeks the plants are a mass of dainty flowers in many colors. Excellent for bedding as well as pot culture. During early spring sow the seed in boxes to transplant. In late spring the seed may also be sown in the open.

HALLAWELL'S DWARF—A charming little flower, growing 10 to 15 inches high, all colorful flowers with scant foliage. Choice for mass bedding or for compact specimen pot plants.

Pkt. 25c; ⅛ oz. 85c.

HALLAWELL'S SELECT MIXTURE—An especially fine strain with very large, well-shaped flowers, in a wide range of colors. They make splendid pot plants and are compact and bushy.

Pkt. 25c; ⅛ oz. 75c.

HALLAWELL'S SUPER GIANT MIXTURE—A splendid reselected strain for pot culture for porch and conservatory specimens.

Pkt. 35c; ⅛ oz. \$1.00.

PANSY FLOWERED—The large, smooth-edged pansy-flowered blooms are remarkably substantial, while the many rich self-colors in shades of pink, crimson, mauve, purple, as well as white are bright and attractive.

Mixture: Pkt. 35c; ⅛ oz. 85c.

MIXED—Ordinary mixture for mass bedding.

Pkt. 15c; ¼ oz. 35c.

SNAIL VINE

A shade vine growing 20-foot runners and bearing curiously coiled and twisted flowers resembling a snail shell. They are light purple to yellowish white and are both ornamental and interesting.

Pkt. 25c.

SOLANUM (Jerusalem Cherry)

CHRISTMAS PEPPER—Purplish-red cone-shaped fruit on compact plants suitable for pot culture.

Pkt. 25c.

STATICE (Sea Lavender)

Both the annual and the perennial statice make a nice show in the garden and any of them retain their true colors when dried for winter bouquets.

SINUATA—Most popular for Everlastings used by florists. **Dark Blue, Rosea Superba, White, Yellow.** Each: Pkt. 10c; oz. 50c.

Collection—1 each of above 4 varieties 35c.

NEW HYBRIDS MIXED.

Pkt. 10c; 3 pkts. for 25c; oz. 50c.

SUWOROWII—A hardy annual variety producing long spikes of bright rose-colored flowers.

Pkt. 10c; ¼ oz. 60c.

PERENNIAL STATICE

LATIFOLIA—Hardy perennial variety with large branching heads of clear mauve flowers. Invaluable for the perennial border as well as for drying.

Pkt. 15c; ½ oz. 50c.

CASPIA—One of the finest of the many varieties. Smaller flowers than Latifolia and of more delicate appearance in bouquet work. Color, pale lavender.

Pkt. 15c; ½ oz. 65c.

PEREZII—A splendid perennial variety with panicles of rich deep blue flowers carried well above attractive foliage. Makes a fine specimen plant and is a good cutting variety.

Pkt. 15c; ½ oz. 50c.

*Snail Vine***STOKESIA (Cornflower Aster)**

A hardy perennial growing about 2 feet high, bearing 20 to 30 lavender cornflower-like blossoms; in bloom from July until frost.

Pkt. 15c; ⅛ oz. 75c.

STREPTOCARPUS (Cape Primrose)

Novel free-blooming greenhouse pot plants, remaining in bloom for a long period.

Finest Hybrids Mixed.

Pkt. 50c.

*Schizanthus, Super Giant Type*

Fragrant STOCKS



*Stocks
Giant Excelsior*

HALLAWELL'S BASE BRANCHING STRAINS

Stocks are one of the most satisfactory garden flowers. They provide color and fragrance, and Hallawell's base-branching Stocks produce a great many more spikes, which may be removed as cut flowers, without disfiguring the plant.

Plant in reasonably fertile soil and set them close together, then remove the plants bearing single flowers as soon as the flowers open. This will give the doubles room to grow and will make a beautiful bed.

Our Stocks are selected to produce about 65% doubles and the remainder will be single. This is a very high percentage of doubles.

Stocks do not like wet feet so plant them where they will have deep moisture with good drainage.

HALLAWELL'S SUPER GIANT IMPERIAL

These are the new base branching Stocks that branch close to the ground and grow many long spikes bearing from 35 to 45 individual florets measuring 2 inches or more in diameter. They are particularly good for cut flowers; spikes may be removed and the plant still makes a fine show in the garden.

Set the plants close together, then remove the plants of single flowers if you want a good showing of doubles. They grow about 2½ feet high.

APPLEBLOSSOM—Delicate blush-pink; an excellent color for cut flowers.

BONNY—Large dark blue florets.

FIREFLY—Bright fiery red; particularly fine under artificial light.

ROSE IVORY—A lovely combination of ivory and rose.

ROSEMONT—Deep rose; popular florists' color.

VENUS—Pink; lighter than Rosemont.

MIXTURE of above colors.

Each of above: Pkt. 35c; 3 pkts. 90c; 1½ oz. \$1.25.

EARLY GIANT IMPERIAL

This fine strain of Stocks grows about 24 to 30 inches high with many branches growing from the base to produce long spikes for cutting. They are free blooming, as many as 50 florets on some of the longer spikes. They are selected to produce a high percentage of doubles and planted close together so the sangles may be removed they make an excellent showing.

ANTIQUE COPPER—Rich, deep copper-red.

BUTTERCUP—Soft canary yellow.

CHAMOIS—Lovely pastel shade of ivory, tinted old rose.

DARK BLUE—Bright deep blue.

FIERY BLOOD RED—Fine bright color.

FLESH—Delicate shell pink.

GOLDEN ROSE—Rose, with golden sheen and center.

LAVENDER—Pure lavender which blends beautifully with pink shades and white.

LILAC—Rich color and a strong grower.

OLD ROSE—Rich copper-rose; several shades lighter than Antique Copper.

ROSE—Rose-pink; the standard florist color.

SANTA MARIA—Glistening white; very large florets.

SHASTA—Pure white; base-branching habit.

Each of above separate colors:

Pkt. 15c; ¼ oz. \$1.00.

Collection of 6 packets of any of above 75c.

CHOICEST MIXTURE. Pkt. 15c; ¼ oz. 90c.

HALLAWELL'S GIANT PERFECTION

A winter favorite in California. Planted in light soil where the water will not stand around them during the rainy season, these Stocks will produce splendidly. We have had them blooming all winter in our Nursery Gardens and they have been very beautiful. The plants are of branching habit, producing fine long spikes for cutting. Where the winter climate is mild, sow the seeds from June to August and transplant when they are about 3 inches high.

AMERICAN BEAUTY. Very deep rose.

CRIMSON. A brilliant color.

FLESH (Beauty of Nice)—Delicate shell-pink.

HEATHAM BEAUTY—Rose, shaded terra cotta.

LAVENDER—Fine color; lighter than variety Pale Blue.

OLD ROSE (Belle of Naples)—Rich terra cotta rose.

PINK—Light rose-pink, fine in flower arrangements.

PURPLE (Summer Night)—Purple or dark blue.

WHITE (Snowdrift)—Pure white.

YELLOW (Monte Carlo)—Creamy yellow.

Each of above separate colors:

Pkt. 15c; ¼ oz. 85c.

Collection of 6 packets of any of the above varieties: 75c.

GIANT PERFECTION MIXED.

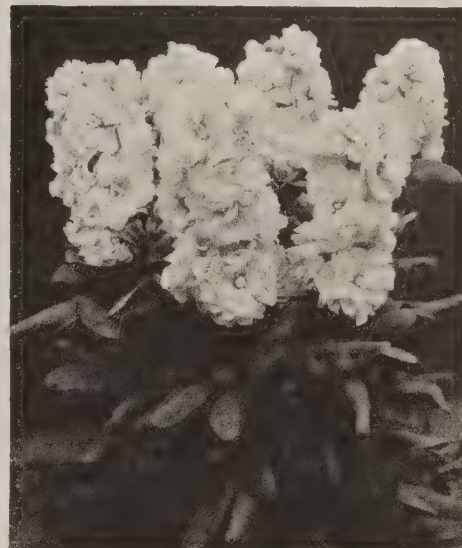
Pkt. 15c; ¼ oz. 75c.

DWARF TEN WEEKS STOCK (For Bedding Purposes)

These Stocks grow about 1 foot high and are intended for bedding purposes only. They are very effective in large beds or used for edging. These also have their percentage of singles and must be planted close together to allow for the removal of the single-flowered plants.

MIXTURE—A splendid assortment of colors.

Pkt. 15c; ¼ oz. 60c; ¼ oz. \$1.00.



Dwarf Ten Weeks Stocks

GIANT EXCELSIOR (Column Type Stock)

These are used largely by florists for growing in greenhouses for cut flowers, but they are equally good for the garden. They grow just one straight spike and they are not supposed to branch at all, although a few may branch a little. They may be planted close together and grown for cut flowers. They grow about 2½ to 3 feet high.

CHAMOIS PINK—Large florets chamois-tinted apricot.

DEEP ROSE—Rich bright lilac shaded lavender.

RUBY—Exquisite ruby or crimson-red.

EXCELSIOR MIXTURE—A mixture of all colors suitable for cut flowers.

Each of above: Pkt. 50c; 3 pkts. \$1.25.



Stocks, Early Giant Imperial



Spencer Sweet Peas

EARLY SPENCER SWEET PEAS

Hallawell's Early Spencer Sweet Peas flower 3 to 4 weeks earlier than the Giant Spencer. They are especially good for greenhouse plantings and for growing in frost-free sections for Winter blooming. We recommend them for the Hawaiian Islands.

Where the Winter climate is mild, plant the seeds in August and September for Winter bloom. Shade the planting to keep soil cool until the seeds sprout.

EARLY SPENCER SWEET PEAS

Any of following: Pkt. 15c; oz. 75c.

- APOLLO**—Lovely soft salmon-cerise with good strong stems.
ATTRACTION—A bright pink showing considerable salmon.
BALL ROSE IMPROVED—Popular cut flower color, large flower, long stem.
BLUE DANUBE—Large ruffled clear blue; long stems and very large flowers in the early blooming season.
BRIDESMAID—Sparkling deep silvery-pink, extra long stems; vigorous growth.
CATTLEYA—Rose-colored lilac. No other like this.
DAPHNE—Cream, salmon and pink combined. Very lovely.
HARMONY—Lavender, with long strong stems. A vigorous grower.
HOPE—This is a pure flat-white or paper white. One of the best of the Early Spencer Whites.
MARS—Deep carmine-crimson. Very free flowering in our Trial Gardens.
MEMORY—Large wavy flowers of rosy-lavender.
MRS. REDDICK—Flesh pink with a suffusion of salmon. Large wavy flowers.
ORIENTAL—Rich deep cream; large flowers and long stems.
SHIRLEY TEMPLE—Delightful soft rose-pink; popular cut flower color; large.
SEQUOIA—A very large rich golden-cerise. Long, strong stems, broad spreading wings.
TREASURE ISLAND—A sparkling shade of golden-orange. Large semi-duplexed flowers.
VULCAN—Vivid orange-scarlet or Christmas-red. The only one of this color.
WHITE CHAMPION—White, a fine long-stemmed, large-flowered sweet pea.

HALLAWELL'S EARLY SPENCER MIXTURE

A well-balanced color mixture of the choicest Early Spencer varieties. These are the largest flowered, long-stemmed sweet peas for winter bloom in mild climates. One packet will plant about 6 feet. Pkt. 15c; oz. 50c.

EARLY SPENCER COLLECTION — 75c

Consists of one packet each—our selection—six colors of Early Spencer varieties for Winter blooming in mild winter climates. 6 pkts.—all different.

DWARF SWEET PEAS

CUPID SPENCER—Dwarf, Large Flowered—Dwarf and bushy, growing about 1 foot high, spreading about 2 feet. They are excellent for low edgings or long strips of ground cover. Mixed Pkt. 15c; oz. 60c.

Hallawell's SWEET PEAS**GIANT SPENCER WAVED AND RUFFLED****For Spring and Summer Blooming**

CULTURE TIPS—For best results dig in manure or fertilizer to a good depth to encourage deep rooting. Plant the seeds about 1 inch deep in moist soil and firm the soil to the seeds. In hot weather, provide shade to keep the soil cool until seeds have sprouted. If soil is hot the seeds may rot.

Water as needed by deep irrigation. Excessive water during the blooming season may cause the buds to drop. Pick the flowers every day.

In mild winter sections of California and other similar climates, sow the seeds from October to March for Spring and Summer blooming.

Price of each: Pkt. 15c; oz. 50c.

BLUE AND LAVENDER SHADES

CAPRI—Beautiful light blue; long stems; strong grower.

FLAGSHIP—Deep navy blue flowers, very large and on long strong stems. This is a Silver Medal winner.

FLORA—An outstanding, clear deep lavender.

HIGHLANDER—Lavender, many flowers on long strong stems.

KING LAVENDER—Light lavender, very robust grower.

HALLAWELL'S RUFFLED BLUE—Ruffled and duplexed dark blue flowers which are well placed on long vigorous stems.

POWERSCOURT—Lavender.

SALMON PINK SHADES

EXQUISITE RUFFLED—Sparkling salmon-cerise; large ruffled.

GLOAMING—Light salmon-pink on cream ground; an extra petal in many of these flowers and many of 4 to a stem.

PINK FRILLS—Salmon-cream pink seems to describe this very distinctive color.

SALMON GIGANTIC—Large flowered salmon-pink.

ORANGE AND CERISE SHADES

CRINKLES—Large ruffled flowers of cerise pink suffused coral.

GOLDEN DRAGON—Large duplexed orange. Standard is a vivid orange while the wings are shaded orange rose.

MAYTIME—Rich golden cerise, many flowers on a stem.

PINK AND ROSE SHADES

CHLOE—Deep shell pink on cream ground.

FLUFFY RUFFLES—Dainty cream pink.

MARY PICKFORD—Cream, pink, suffused salmon.

LADY RUFFLES—Exquisite pink on white ground. Large ruffled flowers.

PINKIE—Clear rose pink. Strong grower, large flowers.

ROSIE—Deep rose-pink; slightly waved and ruffled.

HALLAWELL'S RUFFLED ROSE—Soft rich rose, large and ruffled.

SWEET AFTON—Deep silvery pink, large flowered; fine stems.

PURPLE AND MAROON

LEVIATHAN—Rich maroon.

HALLAWELL'S RUFFLED PURPLE—Large ruffled flowers on good stems. Very beautiful in flower arrangements.

RED SHADES

HOLLYBERRY—Rich scarlet with a flush of orange.

RED SUPREME—A charming deep crimson. Large flowers, long stems.

HALLAWELL'S RUFFLED CRIMSON—Rich satiny crimson, ruffled and waved. Long stems.

WELCOME—Dazzling scarlet vermillion.

WHITE AND CREAM

GIGANTIC—Giant white.

MASTER CREAM—Deep cream.

SEXTET QUEEN—Giant white.

SNOW WHITE—Pure white.

SPECIAL COLLECTION — 50c

Consists of one packet each—our selection—five colors of Giant Spencer Waved and Ruffled for Spring blooming. 5 pkts., all different.

SUPERB COLLECTION — \$1.00

Consists of one packet each—our selection—ten colors of Giant Spencer Waved and Ruffled for Spring blooming. 10 pkts., all different.

HALLAWELL'S FORMULA MIXTURES

RUFFLED SPENCER MIXTURE—This extraordinary mixture contains all of the name ruffled varieties and many trial grounds ruffled which are not yet ready to be named separately.

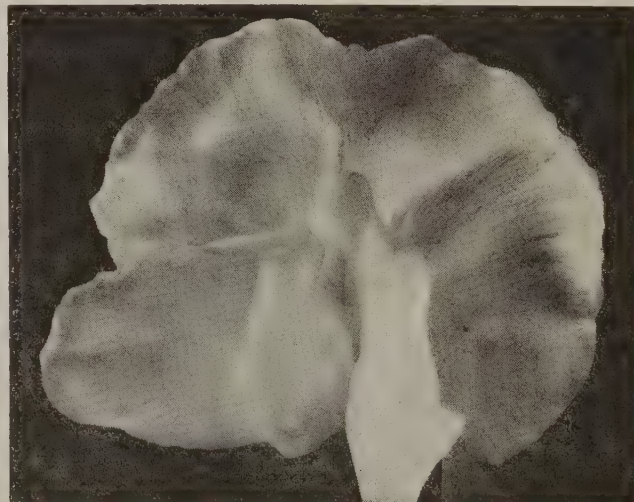
These ruffled sweet peas are distinguished by their waved and ruffled flowers which give the appearance of being double. The flowers are very large, the stems long and there are an unusual number of flowers on a stem.

Pkt. 15c; oz. 50c.

HALLAWELL'S GIANT SPENCER MIXTURE

This is our finest mixture of tall, large-flowering, long-stemmed Spencers for Spring and Summer blooming. It contains a few ruffled varieties and others with broad wavy standards and wings. Includes many colors, each in proper proportion to produce a colorful display in your garden. Dig in manure before planting and give them deep moisture.

Pkt. 10c; oz. 35c.



Early Spencer

Seed Inoculator

A nitrogen gathering bacteria for inoculating Sweet Peas and Garden Peas. Garden size, 15c postpaid.



Viola Blue Perfection

VINCA ROSEA (Madagascar Periwinkle)

A showy plant having attractive laurel-like foliage, and solitary flat flowers resembling but larger than phlox. Usually grown as an annual elsewhere than in the tropics, but will carry over and bloom in the winter under protection. **Mixture.**

Pkt. 15c; 1/4 oz. 50c.

VENIDIUM (Monarch of the Veldt)

FASTUOSUM—A half hardy South African annual about 2 to 3 feet high, with long serrated grayish hairy foliage and flowers 3 inches across to a most brilliant orange with dark centers and maroon zone. Sow the seed in boxes from February to May and transplant to a sunny position.

Pkt. 25c; 1/8 oz. 60c.



Verbena Royale

VIRGINIAN STOCK (Malcolmia)

A hardy annual, growing about 6 inches high and blooming profusely. Of easy culture, and can be had in continuous bloom by sowing the seed at frequent intervals during spring and summer.

CRIMSON GEM—An erect, compact variety.

Pkt. 10c; 1/2 oz. 60c.

ROSE—Bright rose turning to lavender.

Pkt. 10c; 1/2 oz. 60c.

WHITE—Pure white.

Pkt. 10c; 1/2 oz. 60c.

MIXED COLORS. Pkt. 10c; large pkt. 35c; oz. \$1.00.

VERBENA (Vervain)

One of the most popular half hardy perennial plants for summer bedding. Sown early in a hot-bed, they commence to bloom in June and continue until frost. The seed is sometimes erratic in germinating; the first seedlings may appear in 14 days, and others follow during the next 2 weeks.

BIPINNATIFIDA—New perennial Verbena having fern-like foliage. Blooms first year from seed.

Pkt. 25c.

GIANT FLOWERING

LAVENDER GLORY—Immense lavender colored flower with a creamy white eye. Varies somewhat, a small percentage being pure white.

Pkt. 20c; 1/8 oz. \$1.00.

SPECTRUM RED—An intense deep cardinal-scarlet throughout.

Pkt. 20c; 1/8 oz. \$1.00.

LUMINOSA—Luminous flame pink shading to salmon.

Pkt. 15c; 1/8 oz. \$1.00.

ROSEA STELLATA—Rose-pink, white eye; large size.

Pkt. 15c; 1/8 oz. \$1.00.

ROYALE—Royal Blue, creamy yellow eye.

Pkt. 15c; 1/8 oz. \$1.00.

WHITE.

Pkt. 15c; 1/8 oz. \$1.00.

HALLAWELL'S GIANT MIXED—A wonderful mixture of extra large flowering varieties with conspicuous white eyes.

Pkt. 15c; 1/8 oz. 75c.

ERINOIDES (Moss Verbena)—Produces a profusion of purplish-blue flowers above a carpet of moss-like foliage; a desirable rock plant.

Pkt. 10c; 1/8 oz. 50c.

VENOSA (Hardy Garden Verbena)—A strong thrifty grower, about 1 foot high, covered from early summer until late fall with its bright purplish Heliotrope-colored flowers.

Pkt. 10c; 1/8 oz. 50c.

CALIFORNIA VIOLAS

A free blooming perennial in bright, gay colors. The flowers are produced in large numbers, and mass plantings give a long colorful blooming season.

Our California selections are like miniature pansies. They are excellent for edgings or borders. Keep the seed bed cool and moist.

ARKWRIGHT RUBY—A lovely combination of ruby-crimson shaded terra-cotta; slight central markings.

Pkt. 35c; 1/4 oz. \$1.50.

BLUE PERFECTION—An attractive shade of medium blue with no markings.

Pkt. 25c; 1/8 oz. \$1.25.

CHANTREYLAND—True apricot color and very attractive flowers are medium size.

Pkt. 25c; 1/4 oz. \$1.25.

LUTEA—The best pure yellow viola.

Pkt. 25c; 1/8 oz. \$1.25.

PAPILIO—Oblong flower; lavender blue with white eye. One of the most profuse bloomers.

Pkt. 25c; 1/8 oz. \$1.25.

WHITE PERFECTION—Pure white.

Pkt. 25c; 1/8 oz. \$1.25.

VIOLA MIXTURE—A blend of all the most desirable colors, including self colors and blotched.

Pkt. 25c; 1/8 oz. \$1.25.

VISCARIA (Rose of Heaven)

A beautiful hardy annual and one of the easiest to grow. The flowers are similar in shape to a single Pink; it is extremely free flowering and make brilliant clumps in the border. Height, 1 foot. For summer flowering, seed may be sown in the open from March until May, or in September and October for early flowering next season.

CANDIDA—Pure white.

Pkt. 15c; 1/8 oz. 60c.

FIRE KING—Brilliant scarlet.

Pkt. 15c; 1/8 oz. 75c.

ROSE BEAUTY—Rich rose with darker eye.

Pkt. 15c; 1/8 oz. 40c.

DWARF MIXED.

Pkt. 20c; 1/8 oz. 65c.

MIXED.

Pkt. 15c; 1/8 oz. 50c.

WALLFLOWER (Cheiranthus)

An ever popular old fashioned perennial. Grows 1 to 2 feet high and bears long stems of fragrant flowers. It is best to renew the plants every 2 or 3 years by resowing the seed. For extra early bloom next season, sow in May or June.

HALLAWELL'S SPECIAL SINGLE MIXTURE.

Pkt. 15c; 1/8 oz. \$1.00.

DOUBLE EXTRA CHOICE MIXED—This mixture contains many beautiful colors. Pkt. 20c; 1/8 oz. 75c.



Perennial English Wallflower

HALLAWELL'S CALIFORNIA WILD FLOWERS

A MIXTURE OF HARDY, EASILY GROWN VARIETIES.

Wild Flowers are beautiful in all regions. In California they come in such great variety that visitors from other states always want to send some "to the folks back home". To supply this popular demand, some years ago we formulated a mixture of the more easily grown annuals, and have had each year many complimentary reports, not only from Eastern friends but from Californians as well.

Successive sowings of Wild Flower seed will provide bloom almost the year round in California, especially in the cooler regions and if the plants can be watered. Although they respond best to careful soil preparation, scatter-plantings are successful if the seed is sown at seasons when the plants will have benefit of rainfall. In areas where wild shrubs abound, it is better to

concentrate your efforts on the clear spaces and assure success by scarifying the soil to make it easier for the seeds to root.

One ounce of seed will sow 150 to 200 square feet in a home garden planting, while one pound to 5,000 square feet is recommended for a city lot—broadcast planting. For hillside or field planting, 5 to 8 pounds per acre, depending upon the existing growth of wild shrubs. Mix an equal quantity of sand or soil to aid the distribution.

CALIFORNIA WILD FLOWER MIXTURE. Pkt. 10c; oz. 75c; 1/4 lb. \$2.25; 1b. \$6.50.

WILD AND HARDY CULTIVATED VARIETIES MIXED.

Pkt. 10c; oz. 60c • 1/4 lb. \$2.00 • 1/2 lb. \$3.00; 1b. \$5.50.

HALLAWELL'S *California* ZINNIAS

UNIVERSAL FAVORITES

You may have them large and small, tall and dwarf—any of them excellent for cutting, as well as for gay, showy mass effect in the garden. Hallawell's Zinnias are of the finest gold medal strains, in brilliant colors, or in pastel shades.

They are easy to grow and thrive in hot summer season, in full sun, blooming continuously for a long period and keep well when cut.

Sow the seed in the open ground after the soil has become thoroughly warm. Thin out the large flowered varieties to stand about 2 feet apart, and the smaller flowering sorts to about 1 foot.

GIANT DAHLIA FLOWERED

Large well-formed flowers, 5 to 6 inches across on plants growing 2½ to 3 feet high. There are many beautiful colors and the long-stemmed dahlia-like flowers lend themselves to very effective flower arrangement.

CANARY BIRD—A bright shade of primrose-yellow.

CRIMSON MONARCH—Rich crimson; flowers often eight inches in diameter.

DREAM—Deep lavender turning to purple.

ELDORADO—Salmon apricot.

EXQUISITE—Rich light rose with deeper rose center.

GOLDEN DAWN—Deep golden yellow of immense size.

GOLDEN STATE—A very rich orange-yellow. Yellow in the bud turning to an attractive orange.

ILLUMINATION—Similar to Exquisite, but a striking self color of deep rose.

ORIOLE—Immense flowers of orange and gold.

ROYAL PURPLE—Deep purple.

POLAR BEAR—Very large pure white.

SCARLET FLAME—Scarlet with a blending of orange throughout the petals.

Any of the above varieties:

Pkt. 15c; ¼ oz. 60c.

Collection of 6 packets of any of the above varieties for 75c.

HALLAWELL'S SPECIAL MIXTURES—A well blended mixture containing all of the very best dahlia flowered varieties. Pkt. 15c; ¼ oz. 50c; oz. \$1.75.

If you have never grown the little Haageana zinnias, plant one packet, just for bowl arrangements. They are really charming.



Dahlia Flowered Zinnia

CALIFORNIA GIANT ZINNIAS (For Long Stemmed Bouquets)

These are the tallest of the zinnias, the longest stemmed, so they are particularly good for cutting. The flowers are 5 to 6 inches across on strong stems, and are very striking in vase or basket. The plants grow 3 to 4 feet high, are well branched and produce many fine flowers.

DAFFODIL—Canary yellow.

ENCHANTRESS—Light rose, deep rose center.

GOLDEN QUEEN—Deep lavender.

GRENADIER—Rich dark red.

LAVENDER QUEEN—Deep lavender.

MISS WILLMOTT—Beautiful soft pink.

ORANGE KING—Burnt orange.

PURITY—Pure white.

ROSE QUEEN—Bright rose.

SALMON ROSE SHADES.

SCARLET QUEEN—Glowing scarlet.

Any of the above varieties:

Pkt. 15c; ¼ oz. 75c.

CALIFORNIA GIANT FINEST MIXED.

Pkt. 15c; ¼ oz. 65c; oz. \$2.00.

FLORIST FLOWER

For attractive bowl arrangements try Zinnia Lilliput Salmon Rose. Pkt. 15c.



Zinnia. California Giant

TOM THUMB ZINNIAS

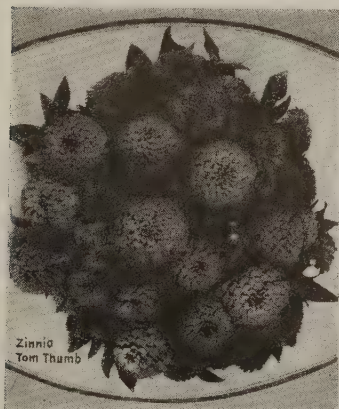
Compact plants 4 to 6 inches high for pots or edgings. The flowers are pompon type and in a range of colors including red, orange, rose, yellow and pink, and also in pastel tints. Pkt. 15c; ¼ oz. 45c.

HAAGEANA ZINNIA (Mexican or Miniature)

This is a perfectly charming little zinnia. It's so different, you'll like it. Try it for a low-growing border plant—it grows only about 12 inches high.

The flowers are about the size of an English daisy, semi-double and double. Colors are in many variations in which may be found shades peculiar to the marigold, the gaillardia and the chrysanthemum. It flowers freely for a long season, and requires full sun.

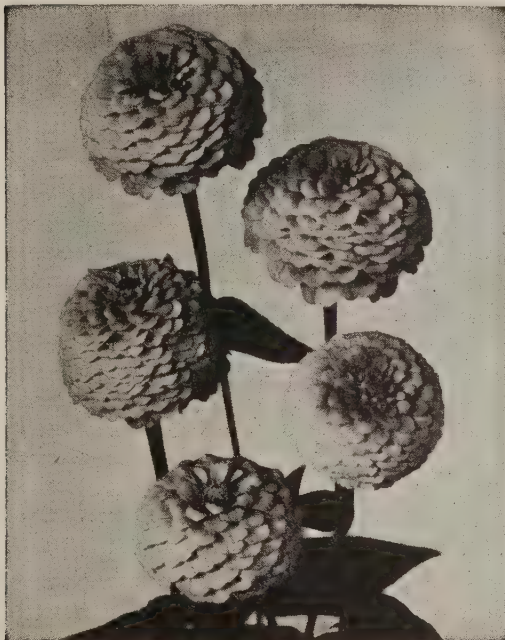
Pkt. 15c; ¼ oz. 45c.



*Zinnia
Tom Thumb*



Zinnia Haageana

*Lilliput or Pompon***LILLIPUT OR POMPON**

A pretty type of compact habit not over 15 inches high, bearing in great profusion small, densely double flowers on long stems, held well above the foliage. Makes a good border or bed and is of more than usual value for cutting. Transplant 8 inches apart each way.

BLACK RUBY.	Pkt. 15c.
CANARY YELLOW.	Pkt. 15c.
GOLDEN ORANGE.	Pkt. 15c.
CRIMSON GEM.	Pkt. 15c.
LILAC GEM.	Pkt. 15c.
VALENCIA ORANGE.	Pkt. 15c.
SALMON ROSE.	Pkt. 15c.
WHITE GEM.	Pkt. 15c.
SCARLET GEM.	Pkt. 15c.

Any of the above colors: ¼ oz. 65c; oz. \$2.00.

PASTEL SHADES MIXTURE—Lovely soft shades of apricot, yellow, pink and orchid. Fine for bouquets in the home. Pkt. 15c; ¼ oz. 50c.

DOUBLE LILLIPUT or POMPON MIXED.
Pkt. 10c; ¼ oz. 45c; oz. \$1.50.

CROWN O'GOLD

PASTEL TINTS—An improved strain of the Crown O'Gold type, with large well formed flowers, in soft pastel shades, each petal overlaid at the base with deep golden yellow.

Pkt. 20c; ¼ oz. 70c.

LINEARIS—The most unusual and interesting of the newer zinnias. The single flowers are golden orange in color, with a lemon yellow stripe running from the base to end of each petal, and are borne in the greatest profusion until frost. Plants are 8 to 18 inches tall, with an eventual spread of nearly 2 feet.

Pkt. 15c; ½ oz. 60c.

FANTASY

Medium sized shaggy flowers with twisted petals. Long lasting qualities and informal appearance of the flower make it particularly desirable for cutting. Height 2½ to 3 feet.

FANTASY MIXTURE—Fine assortment of brilliant and pastel shades. Pkt. 15c; ¼ oz. 50c.

ZINNIAS*Giant Crested Howard*

GIANT CRESTED HOWARD—While this zinnia does not come 100 per cent true to form, there is a large percentage of lovely crested flowers. The flowers are mostly in yellow, orange, rose, and crimson shades in mixture. The flowers are about 4 inches across with a high crest, surrounded by broad guard petals. They are very striking. Pkt. 20c; ¼ oz. 50c.

MISSION GIANT—Not as large flowered as the California Giant type, but exceptionally double and in a wonderful range of bright and pastel shades. Splendid for mass effect and for cutting. **Mixture.** Pkt. 10c; ¼ oz. 50c.

THUNBERGIA (Black-eyed Susan)

ALATA—A tender annual trailing plant, growing about 4 feet long and valuable for low fences or hanging baskets. Prefers a sunny situation. Blossoms are buff, orange or white, with dark center. **Mixed.** Pkt. 10c; ¼ oz. 40c.

TIGRIDIA (Shell Flower)

HALLAWELL'S HYBRIDS—A half hardy bulbous plant, of the Iris species. Three bold petals in rich tropical shades of scarlet, rose, yellow, orange, or white, encircling a curiously spotted cup. The flowers bloom brilliantly for only a day, but each day there is a succession of blooms, lasting throughout the summer. They are easily grown from seeds sown in the spring. Be patient, for they require three or four weeks to germinate. Start in flats and transplant, keeping them well watered during the growing season. Pkt. 35c.

TITHONIA (Mexican Sunflower)

This native annual of Mexico is one of the most useful late fall flowers we have, growing to a height of 6 to 10 feet, of free branching habit and is covered with orange-scarlet flowers until cut down by extreme frost. As a cut flower this flower will be highly prized for decorative purposes. In warmer districts where the season is long, sow where the plants are to remain, after the ground becomes warm. In colder climates sow earlier under protection, and set the plants out after frosts are past.

SPECIOSA—Orange vermillion.

Pkt. 25c; ½ oz. 60c.

FIREBALL (Speciosa Grandiflora)—Dazzling orange-scarlet. Larger flowers and more attractive foliage than the original species.

Pkt. 25c; ½ oz. 75c.

SUNFLOWER—See *Helianthus*.

*Mission Giant***SWEET WILLIAM
(Dianthus barbatus)**

A very desirable low-growing, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. Seed sown in boxes in the early summer or fall will bloom the first season.

DWARF ALPINE (New)—The same large flowers as the taller Sweet William but growing only about 4 inches high. For low borders or for ground cover it is bright and gay. Pkt. 25c.

HALLAWELL'S GIANT WHITE—Large pure white florets in splendid trusses.

Pkt. 15c; ½ oz. 50c.

NEWPORK PINK—Salmon-rose

Pkt. 15c; ½ oz. 65c.

SCARLET BEAUTY—Single.

Pkt. 15c; ½ oz. 65c.

SINGLE MIXTURE.

Pkt. 10c; ¼ oz. 60c.

GIANT DOUBLE MIXED.

Pkt. 10c; ½ oz. 50c.

HOLBORN GLORY—Large flowers in a beautiful assortment of light shades, each with a deeper ring around the center. Pkt. 10c; ½ oz. 50c.

*Tithonia Fireball*

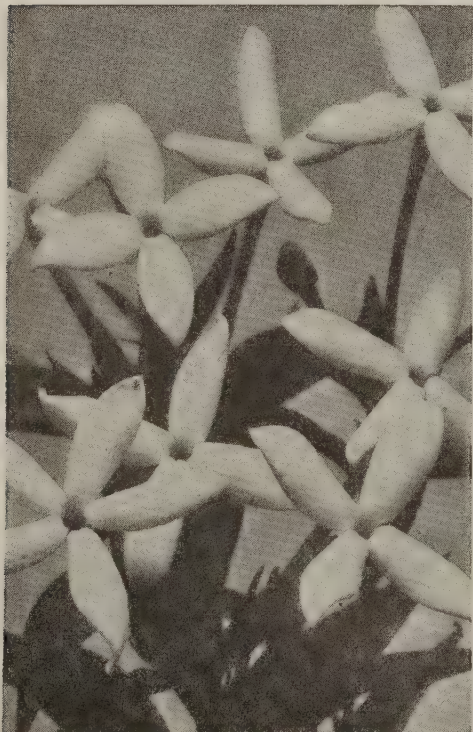
EVERGREEN TREES AND SHRUBS



Azalea

ABELIA

Floribunda (Mexican Abelia). 6 ft. Showy tubular flowers, carmine with white throat. Flowers are about 2 inches long. Blooms profusely. 85c each.
Grandiflora. 6 ft. A free-flowering shrub, remaining in bloom during the entire summer, flowers white, flushed pink. 85c each.
Schumannii. 6 ft. Color is soft pinkish lavender. 85c each.



Bouvardia Humboldtii

The most complete stock of trees and shrubs, at our modern Blue Glass Nursery Gardens, 19th Avenue at Sloat Blvd. Hallawell's Spring Garden Show from February to June highlights a year round color display. Visitors are always welcome and the Nursery is open Sundays, as well as weekdays.

SHIPPING ORDERS—Due to wartime conditions which may affect the packing or shipping of plant orders, we reserve the right to cancel all or part of any mail order, and to refund money sent.

PACKING CHARGE—Send 25c for handling charge on orders under \$2.00. On orders amounting to more than \$2.00, for Evergreen Plants, add 20% to the amount of the order, for packing. The plants will be sent by Express collect.

The figure following the name of the plant indicates the average height it attains and is given for your guidance in planting.

ABIES—Fir

Concolor (White Fir)—A moderate growing tree adapted for small yards. Makes a fine outdoor Christmas tree; resistant to heat and drought. \$1.00 each.

ABUTILON—Flowering Maple

Hybridum—Maple-like leaves and bell-shaped pendulous, red, yellow or white flowers. Half hardy shrub. 85c each.
Megapotaicum (Lantern Flower)—Half climbing evergreen shrub. The yellow petals with red stripes and red-brown calyx, appear on the semi-weeping branches all year. 85c each.

ACACIA

Baileyana. 30 ft. Very ornamental tree, with bluish green feathery foliage and bright canary-yellow flowers in January. 85c each.
Floribunda (Golden Wattle). 25 ft. Rapid growing, flowers bright yellow, blooming throughout the summer. 85c each.
Latifolia. 15 to 25 ft. Used extensively in Golden Gate Park for windbreaks and is also a valuable hedge plant; long leaves and golden yellow flowers. 85c each.
Melanoxylon (Black Acacia). For street planting. 5-gal. size. \$2.50 and \$3.00 each.

ARBUTUS

Unedo (Strawberry Tree). 10 ft. Shrub, with clean, attractive foliage. White flowers appear in winter months and with them the large, red strawberry-like fruits of the previous season. 85c each; larger plants, \$3.50.

AUCUBA

Japonica Variegata (Gold Dust Tree). 5 ft. Large glossy foliage marked with yellow spots. Of slow spreading growth. In the warmer sections it should have partial shade. Fine for porch decorations. \$1.00 each.
Japonica—Dark green foliage. \$1.00 each.
Male Plants. \$2.00 each.

AZARA

Microphylla. 10 ft. A graceful shrub with arching pendulous branches and small dark green glossy leaves. Has minute white flowers. Fine for covering walls or fences. 85c each.

AZALEAS

Azaleas prefer full shade and an acid soil. Mix plenty of peat, leaf mold or other organic with the soil and dig deep for good drainage. You will find a brilliant display of azaleas at our Nursery Gardens during the blooming season and the balled or potted plants may be transplanted to your garden without disturbing the roots. We have many sizes of plants from small pot size to large balled plants ready to bloom. Also many varieties which are not listed in this catalog.
Albert Elizabeth—Large double white, petals bordered red.
Apple Blossom—Pink and white.
Christmas Cheer—Brilliant red.
Coral Bell—Shell-pink.
Crab Apple—Pink and white.
Fa—Large double variegated pink and white.
Hindigiri—Dwarf; bright red.
Macrantha—Pink.
Marie Louise—White, sometimes with pink.
Paul Schame—Large, double salmon.
Rosy Morn—Rose-pink.
Ward's Ruby—Brilliant red.
Snowdrift—Waxy white.

BERBERIS—Barberry

Corallina Compacta—Grows about a foot high, with a spread of 2 or 3 feet. The orange flowers persist practically all year. 85c each.
Darwinii—5 ft. A densely branched, spreading shrub, with thick and leathery foliage; flowers orange-yellow and very fragrant, followed by purple fruit; the best of the species. 85c each.
Wilsonae—3 ft. Very dwarf habit with small glossy green leaves and long spines. The foliage in the fall assumes beautiful red tints; has attractive red berries in the winter. 85c each.

BOUVARDIA—April to September Delivery

Coral Red—Clusters of lovely coral-red flowers, slightly smaller than Humboldtii. May be used for corsages. Each 85c.
Humboldtii—4 ft. A small shrub with drooping branches producing white Jasmine-like flowers during summer and fall; intensely fragrant. Requires partial shade and a protected position as it will not endure temperatures under 26 degrees above zero. 85c each.

BOXWOOD—Buxus

Suffruticosa—Dwarf, for edging purposes. Dark green leaves slow growing. \$1.50 per 10; 50 for \$6.50.
Japonica—Lighter green leaves and rapid, vigorous growth. 85c per 12; \$6.50 per 100 (from flats). Gal. containers, 85c each.
Pyramid Boxwood—Specimen plants. \$6.00 each.

BRUNFELSIA

Floribunda (B. calycina var.)—6 ft. Compact habit. Intensely fragrant flowers, rich violet with small white eye. Thrives in sun or partial shade with plenty of moisture. \$1.00 each.

BUDDLEIA

Magnifica (B. davidi var.)—10 to 15 ft. Butterfly Bush or Summer Lilac. Large drooping spikes of rose-purple flowers. 85c each.
Royal Red—A new hardy Buddleia recently introduced by an Eastern firm. We have plants blooming at our Nursery Gardens this year. Each \$1.00.

CALLIANDRA

Guildingi (Trinidad Flame Bush)—8 ft. This vivid and colorful plant blooms during spring and summer. Feathery, fern-like foliage. 85c each.

CALLISTEMON

Rigidus (Bottle Brush)—6 ft. A showy flowering shrub with red flowers. 85c each.

CALODENDRUM

Capensis (Cape Chestnut)—40 ft. In early summer this magnificent tree is almost solidly covered with great 6 inch panicles of beautiful rosy lavender blooms. \$1.00 each.

CANTUA

Buxifolia—6 ft. A summer-flowering shrub with small foliage, bearing rose-red flowers. Sunny situation. 85c each.

CARISSA

Grandiflora (Natal Plum)—8 ft. A lovely shrub bearing fragrant white flowers and brilliant scarlet fruits. Both appear at all times during the year. 85c each.

CASSIA

Tomentosa (Wooly Senna)—12 ft. Ornamental gray-green foliage, golden-yellow flowers. 85c each.

CEANOTHUS

Cyaneus (Mountain Lilac)—Tall shrub, dark green shining foliage, and deep blue flower heads. Water sparingly. 85c each.
Sorediatus (Jim Bush)—4 to 6 ft. Upright growing with stiff branches. Light green foliage, and medium blue flowers. 85c each.

CEDRUS—Cedar

DEODARA (Himalayan Cedar)—Exceedingly handsome; branches are drooping, with silvery green foliage; fine for planting in a large lawn. Gal. cans, \$1.00 each. Balled. Larger sizes, \$2.75 to \$7.50.
Atlantica Glauca (Blue Atlas Cedar)—40 ft. Foliage intense silvery-blue. \$2.50 each; larger sizes, \$3.50 to \$7.00.



Camellia

ALBA PLENA—Rare. Pure white, double symmetrical. One of the most beautiful camellias in the formal type. Grafted plants. \$10.00 each.

ALBA PLENA FIMBRIATA—Rare and beautiful white, large, double, high centered, many petalled, delicately frilled. Somewhat dwarf, very free bloomer. Early flowering. Grafted plants. \$10.00 each.

BELLE JEANETTE—This exquisite camellia is deep pink with well defined white blotches, is very symmetrical and full double to the center. \$6.50 each.

BELLE ROMANA—A most striking variegated camellia. Large double flowers of light pink streaked and flaked crimson. Free-blooming and vigorous. \$7.50 each.

CHANDLERI ELEGANS—Huge flowers, often 7 inches across. Beautiful rose pink, profuse bloomer. One of the very best camellias. Assorted sizes. \$3.00 to \$7.50 each.

COLONEL FIREY—Rare. Glowing rich crimson flowers, beautifully shaped and 5 to 6 inches across, medium tall, late blooming. Rated at top in red camellias. Grafted plants. \$10.00 each.

CESTRUM

PARQUI (Night-Scented Jasmine)—10 ft. A shrub of moderate growth with greenish-yellow flowers which are very fragrant at night. 85c each.

FASCICULATUM—10 ft. A quick-growing shrub of tall and slender habit. The bright red flowers are trumpet-shaped. 85c each.

CHAMAECYPARIS—

Flat Branched Cypress

LAWSONIANA—A fine pyramidal tree which holds its form well, becoming more beautiful with age. Fern-like, green foliage.

\$1.00 each; larger size \$1.50 each.

LAWSONIANA ALUMI (Blue Lawson Cypress)—Of dense growth and columnar habit. Foliage a bluish metallic hue. Various sizes. Priced \$1.00 to \$5.00

LAWSONIANA ERECTA VIRIDIS (Green Column Cypress)—Foliage is clear rich green, and the habit is upright and columnar. Balled. \$2.50 to \$5.00.

HALLAWELL'S CAMELLIAS

PLANT ORDERS—Due to war conditions all plant orders are accepted subject to stock being on hand when order is received, or to any difficulties which may hinder, delay, or make it impossible to ship, in which case money sent will be refunded.

PACKING CHARGE—Add 20% to the amount of your order for evergreen plants to cover cost of packing. The minimum packing charge is 25c.

All plants will be sent by Express collect. Please give the name of your Express office.

COMPTE DE GOMER—Early flowering, full double symmetrical form of medium size. The lovely delicate pink color is flecked with numerous minute rose specks. A charming camellia. Large plants. \$7.50 each.

DAIKAGURA—Flowers are very large, loosely formed peony type; deep rose; sometimes slightly streaked white. It is usually the first camellia to bloom, flowers often appearing in early November. A very beautiful camellia. Assorted sizes. \$2.50 to \$7.50 each.

DEBUTANTE—One of the most desirable of the peony large-flowered type. Delicate pale pink. Blooms early. Grafted plants. \$10.00 each.

DUC DE ORLEANS—Large light pink flowers, heavily spotted and streaked with deeper pink. Curiously twisted outer petals and pompon center. Very desirable. Large plants. \$7.50 each.

ECSTASY—A lovely, medium large, double flower of bright, clear pink. A popular variety. Large plants. \$6.50 each.

ELENA NOBILE. Brilliant flame-red, full double, very symmetrical, one of the latest to bloom. Large plants. \$7.00 each.

GRANDIFLORA ROSEA—Very large semi-double, deep rose color with prominent stamens. The outer petals reflex, making a most attractive flowers. \$7.50 each.

HIKARI GENGI—Big loosely formed flowers with three distinct shades of pink. They are fairly symmetrical but vary slightly in form, sometimes showing the stamens but often with a pompon center. It is an interesting as well as a beautiful camellia. \$7.50 each.

KUMASAKA—Rare, very large flowered, rose-pink, double irregular form. Tall growing and heavy bloomer. Gal. \$2.75.

LOTUS—A magnificent semi-double, pure white with yellow stamens. Probably the finest and largest of all the semi-double whites. Blooms in March. Strong plants. \$5.00 to \$10.00 each.

MADAM FAUCILLON—Lovely light rose-pink, medium size and symmetrical. Large plants. \$6.50 each.

MRS. JOHN LAING—A splendid symmetrical full double flower of clear rose-pink. A lovely form and delightful color. Large plants. \$6.50 each.

MATHOTIANA ALBA—A very symmetrical, full double, pure white, usually with one tiny pink dot on a flower. Its enormous size makes it one of the most spectacular of the full double white flowered varieties. In two sizes this year. Large plants. \$4.50 each.

PINK PERFECTION—Shell-pink; full double, very symmetrical, medium large. Blooms mid-season. Gallon containers. \$1.75 each.

PINK STAR—An unusual semi-double flower with about two rows of the outer petals opening out flat, thus increasing the size of the flower. The color is light pink with all petals showing some veining. \$6.50 each.

POPE PIUS—Rare. Full double deep-blood red of medium size. Blooms for Christmas. Grafted plants. \$10.00 each.

PURITY—Exquisitely formed, double white. Flowers are very large, often 5 to 6 inches across. One of the most popular varieties. Large plants. \$7.50 each.

ROSITA—Very double, medium sized flowers of bright rose-pink. The petals are delicately veined and charmingly arranged in rosette-like form. Large plants. \$7.50 each.

STAR DUST—Large rose-pink flower of the Chandleri type with the double row of outside petals and clustered center. Large plants. \$6.50 each.

TE DEUM—Very large dark red peony flowered of medium growth; blooms mid-season. Grafted plants. \$10.00 each.

WM. S. HASTI (C. M. HOVEY)—Extremely large, double deep red with attractive well formed flowers which show their stamens when fully open. Large plants. \$7.50 each.

CHAMAELAUCIUM

CILIATUM (Geraldton Wax Flowers)—2 ft. One of the most beautiful of shrubs. Has a silhouette habit and heather-like foliage. Deep pink flowers. \$1.00 each.

CHILOPSIS

Linearis (Dessert Willow)—15 ft. A California native bearing orchid-like trumpet-shaped flowers. Easily grown, does not require much water. Each 85c.

CHOISYA

Ternata (Mexican Orange)—4-6 ft. Compact shrub with bright glossy green leaves, and fragrant white flowers borne in clusters. 85c each.

CHORIZEMA

Varium—6 ft. Spring flowering shrub with Holly-like foliage and orange-red flowers. 85c each.

CINNAMOMUM

Camphora (Camphor Tree)—40 ft. Bright green, glossy foliage, tinged bronze in the spring. A fine street tree; will not tolerate wet poorly drained situations. 85c each and up.

LAWSONIANA FRASERI—Columnar in form and similar to *C. lawsoniana* alumni, but less narrow. Foliage is dark blue. \$1.00 each.

LAWSONIANA PENDULA (Weeping Lawson)—Very desirable as a single plant specimen. \$1.50 each.

LAWSONIANA STEWARTI (Golden Lawson Cypress)—One of the most satisfactory golden varieties. Of rather slow growth with feathery, graceful foliage. \$3.50 to \$7.50 each.

LAWSONIANA WISSELI (Wissel Cypress)—An exceedingly handsome slow growing upright variety, with rich dark blue-green foliage. \$1.50 each; larger \$3.00 each.

NIDIFERA (Bird's Nest Cypress)—A dwarf spreading variety of compact habit and feathery foliage. Specimen plants balled. \$2.50 to \$5.00.

OBTUSA AUREA (Golden Hinoki Cypress)—A handsome tree with horizontal branches and fern-like tufts of dark green leaves touched with gold. Slow growing. Balled. \$5.50 each.

OBTUSA NANA (Dwarf Hinoki Cypress)—A lower growing form particularly adapted for rock gardens or similar positions. \$2.50 to \$7.50 each.



Erica

CISTUS—Rock Rose

Corbariensis—3 ft. Sage-green foliage and beautiful white flowers 2 inches across. A luxuriant plant. 85c each.

Ladaniferus Maculatus—4 ft. Dwarf shrub with showy flowers similar to a single rose. Pure white with brownish crimson spot at base of each petal. 85c each.

Purpureus—3 ft. A new and beautiful variety thriving in a sunny position and hardy anywhere in California. Blooms from April to December. 85c each.

CONVOLVULUS

Cneorum—Dwarf and compact shrub having silver-gray foliage and white flowers about 2 inches in diameter. 85c each.

COPROSMA

Baueri (Mirror Plant)—A compact shrub which may be trained as a low climber. The rounded, dark green leaves are very glossy. 85c each.

CORREA

Speciosa (Australian Fuchsia)—A spreading, bushy shrub growing about 3 feet high, with dense deep olive-green foliage and yellow flowers. 85c each.

Pulchella (Australian Fuchsia)—18 inches. Fore-ground shrub 4 to 5 ft. across. Bears pink flowers all winter. Sun or shade. 85c each.

CORTADERIA

Selloana (Pampas Grass)—10 ft. Forms a large clump of grass-like foliage and bears beautiful pink or white feathery spikes. **Pink** or **white**. 85c each.

COTONEASTER

Francheti—8 ft. A graceful shrub of upright growth and very arching branches, leaves are downy. Flowers pink, followed by yellowish red berries. 85c each.

Harroviana—8 to 10 ft. Tall, graceful branch-

ing habit; flowers white and berries which are borne in large masses, are rosy red. 85c each.

Pannosa—10 ft. A fine shrub of upright growth. Branches long, slender and slightly arching; vermilion-red berries. 85c each.

Parneyi—8 ft. The foliage is much larger than other Cotoneasters and the stems are loaded with big clusters of immense, brilliant red berries in the fall and winter. 85c each.

PROSTRATE VARIETIES

Horizontalis—2 ft. A shrub of low-spreading habit; flowers small white, followed by bright red berries. 85c each.

Microphylla—3 ft. A small-growing evergreen variety of low-spreading habit; white, followed by large purplish-red berries. Gal. cans, 85c ea.

CRYPTOMERIA

Globosa Nana—Green foliage, turns bronzy in winter. Balled plants. \$1.50 and up.

CYTISUS—Broom

Multiflora Alba—3 ft. Slender and drooping, gray-green branches, with dainty and fragrant pure white flowers. 85c each.

Racemosa (Sweet Broom)—6 ft. A very graceful variety of Broom producing bright, golden yellow flowers. 85c each.

NEW TYPE "BROOMS"

The improved Brooms, of American and English origin, are steadily increasing in popularity with Pacific Coast gardeners. For rich gorgeous coloring and varied color combinations, they have no equal. Some of them will thrive in very cold climates and most of them will grow under adverse conditions.

Burkwoodi—Deep red, bushy and a heavy bloomer. \$1.50 each.

Lord Lambourne—4 ft. Magnificent large flowers of scarlet primrose and rose-pink. \$1.50 each.

Marie Burkwood—Tri-color in gold, rose and scarlet beautifully blended and very attractive. \$1.50 each.

Newreyensis—A striking combination of mahogany and creamy yellow. \$1.50 each.

Pomona—6 ft. Beautiful arching variety. Flowers orange and yellow, with shading of apricot. \$1.50 each.

St. Mary's—A half dwarf type bearing large white flowers. \$1.50 each.

DAPHNE

Odora Marginata (Pink Daphne)—4 ft. A small shrub producing light pink flowers which are intensely fragrant and massed in dense clusters at the end of the branches during the winter; the leaves are edged creamy white. \$2.00 and up.

White—Medium size \$1.75; large \$6.00 each.

DATURA

Suaveolens (Angel's Trumpet)—Small tree or large shrub bearing large trumpet-like whitish flowers. Grows rapidly with moisture, but exists without. 85c each.

DIOSMA

Ericoides (Breath of Heaven)—4 ft. Handsome little shrub with fragrant foliage, producing small white star-shaped flowers in great profusion. 85c each.

Pulchrum (Pink Diosma)—Light green aromatic foliage. The small, star-shaped flowers are lavender-pink and almost continuously in bloom. 85c each.

DRACENA

Indivisa—Strong slender trunk, drooping foliage. 85c each.

ELEAGNUS—Oleaster

Pungens Variegata—5 ft. A fine spreading shrub with large wavy margined foliage, smooth above, silky beneath, and margined creamy white. 85c each.

Pungens Maculata (Golden Leaf)—Similar to above except that the leaves are blotched with gold. 85c each.

EUGENIA

Myrtifolia—6 to 10 ft. Excellent shrub of tall, compact growth which can be trimmed to any desired height. Foliage glossy green with a ruddy hue on the new growth; flowers followed by edible violet-colored berries. Will not endure severe frosts. Gal. cans, 85c each.

Smithi (Lilli-Pilli Tree)—15 ft. Unusual shrub bearing large drooping clusters of decorative berries. 85c each.

EUONYMUS—Spindle Bush

Japonicus Aureo-Marginatus (Golden Euonymus)—4 ft. Of dwarf compact growth. Leaves deep yellow toward the edges, blotched in the center with green. 85c each.

Japonicus Microphyllus (Small Leaved Euonymus)—2 ft. Dwarf and compact with small dark green serrated foliage. Fine for low hedges and borders. 85c each.

FATSIA

Japonica (Aralia sieboldii)—6 ft. Large shining deeply lobed green leaves. A splendid porch plant and also suitable for outdoor planting in the shade. 85c each.

ERICA—Heather

One of the most attractive and desirable of the Winter and early Spring flowering plants. We often have sizes larger than those listed below. If interested please ask for prices.

Mediterranea Hybrida—A dense compact form. Foliage dark green, with deep rosy pink flowers. 85c each.

Melanthera Rosea—5 ft. Flowers are a deep shade of rosy pink. 85c each.

Melanthera Rubra—4 ft. Reddish purple; very fine. Gal. containers, 85c each.

Blanda—Long, reddish-pink, tubular flowers; dwarf. 85c each.

Codonodes (E. lusitanica alba)—"Spanish Heath." White bells; tall growing. 85c each.

Hieliana (E. hyemalis)—2 ft. Salmon pink, long tubes. 85c each.

Pres. Felix Faure—The favorite of all. Deep rosy red tubes. 85c each.

Regerminans. Rosy red bells. 75c each.

ESCALLONIA

Rosea—10-12 ft. Foliage round, rough, and serrated; flowers pink. 85c each.

Rosea Nana—4 ft. A more compact form of E. rosea, with pink flowers. 85c each.

Rubra (E. macrantha)—5 ft. Dark green shining foliage; compact growth. Flowers deep red; free bloomer. 85c each.

EUCALYPTUS

Ficifolia (Scarlet-Flowering Gum)—25 ft. Flowers large and normally crimson or scarlet, but vary considerably. Hardy only in warmer sections. 85c; larger sizes \$2.50 to \$3.50 each.

Globulus (Blue Gum)—150 ft. Rapid growing tree widely planted in California for wind-breaks and fuel. 85c each.

Polyanthemos (Australian Beech)—An ornamental variety of moderate growth with round foliage. Resistant to drought. 85c each.



Hanging Basket Fuchsias

HANGING BASKET FUCHSIAS

Plants Ready to Bloom, 60c Each.

- BALKON**—Single, sepals light pink, corolla deep pink.
- BETTY**—Semi-double, sepals rosy-red, corolla cream white.
- CASCADE**—Single, sepals blush pink, corolla carmine.
- CLARET CUP**—Single, sepals pale carmine, corolla rose.
- FALLING STARS**—Single, sepals scarlet, corolla glowing red.
- HALLOWE'EN**—Single, sepals light pink, corolla rose.
- HENRI POINCARE**—Single, sepals red, corolla violet.
- MARINKA**—Single, Sepals crimson, corolla rosy scarlet.
- MRS. RUNDLE**—Single, sepals flesh, corolla bright orange.
- MRS. VICTOR REITER**—Single, sepals cream, corolla crimson.
- MURIEL**—Single, sepals scarlet, corolla rosy lilac.
- NONPARIEL**—Double, sepals ivory pink, corolla pale purple.
- THE DOCTOR**—Single, sepals salmon-pink, corolla light rose.
- TREASURE ISLAND**—Single, sepals neyron rose, corolla pink.
- WISTARIA**—Single, sepals blush, corolla bluish mauve.

FREMONTIA

Mexicana (Flannel Bush)—10 ft. A splendid native flowering shrub with small fig-like, gray-green leaves. Produces satiny orange yellow flowers 2 to 3 inches across. Prefers a dry sunny location. 85c to \$3.50 each.

GARDENIA

Mystery (Cape Jasmine)—The hardiest and most popular outdoor variety. Glossy foliage and magnificent blooms. 85c each and up.

HALLAWELL'S FUCHSIAS

MAIL ORDERS—Mail orders for plants will be accepted subject to wartime conditions. If for any reason shipment cannot be made, the money sent will be refunded.

PACKING CHARGE—Send 25c for handling charge on fuchsia orders under \$2.00. On orders amounting to more than \$2.00, add 20% of the amount of order for packing. Plants will be sent by express collect.

ABBEY FARGES—Semi-double, sepals red, corolla silvery lilac.

AURORA SUPERBA—Single, sepals light apricot, corolla orange peach.

BLACK PRINCESS—Semi-double, sepals red, corolla deep purple.

BLUE GOWN—Double, sepals light carmine, corolla deep blue.

BLUE MOON—Double, sepals bright red, corolla blue.

BRENTWOOD—Double, white " if grown in shade, tinge of pink in sun.

CALIFORNIA—Single, sepals coral.

CLAIR de LUNE—Single, sepals orange-salmon, corolla salmon.

CONCHILLA—Semi-double, sepals pink, corolla amethyst violet.

DAINTY LADY—Semi-double, sepals deep red, corolla white, streaked red.

DOLLAR PRINCESS—Double, sepals scarlet, corolla purple.

DR. VANCE—Double, sepals red, corolla violet.

DR. JOHN GAILWEY—Double, sepals red, corolla white, veined red at base.

ESTRELLA—Single, sepals rosy-crimson, corolla violet purple.

FASCINATION—Double, sepals pink, corolla rose.

FORGET-ME-NOT—Single, sepals red, corolla purple.

FRANK HENRY—Semi-double, sepals pale-pink, corolla white.

HARLEQUIN—Single, sepals rose-red, corolla violet striped red.

JUNE CAROLYN—Single, sepals orange-pink, corolla coral flushed carmine.

LINDISSIMA—Double, sepals red, corolla rose and mauve.

LUCIENNE BREVAL—Semi-double, sepals white, corolla white to rose.

LUCKY STRIKE—Double, sepals pale carmine, corolla brilliant violet splashed carmine.

LUSTRE—Single, sepals cream-white, corolla bright orange-red.

MACROSTEMMA ALBA—Single, sepals and corolla white with faint lilac flush.

MINUET—Single, red and purple—very floriferous.

MME. AUBIN—Sepals salmon, corolla deep orange-pink.

MME. J. FEUILLET—Single, sepals pink, corolla white, flushed pink.

PASTEL—Single, sepals neyron-rose, corolla lilac rose.

PATTY EVANS—Double, sepals white, tinted rose, corolla white, veined rose at base.

PAVLOVA—Single, sepals rose-pink, corolla rose veined red.

PERKY—Single, sepals white, tipped pink, corolla pink.

PINK BALLOON—Double, sepals rose, corolla white.

PINK PEARL—Double, sepals pink, corolla pink.

PRIDE OF ORION—Double, sepals scarlet, corolla white.

PRINCE OF ORANGE—Single, sepals deep salmon, corolla orange-vermilion.

ROLLA—Double, sepals faint pink, corolla white.

ROSE OF DENMARK—Sepals flesh, corolla pale rose shaded deeper.

ROSE PILLAR—Single, sepals rose, corolla rose.

STORM KING—Double, sepals carmine, corolla white shaded rose.

SUNSET—Single, sepals pale pink, corolla orange salmon.

TORPILLEUR—Double, sepals scarlet, corolla white, veined and flushed carmine.

UTOPIA—Single, sepals brilliant crimson, corolla tyrian rose, very large flower.

WHITEMOST—Semi-double, white, faintly flushed.

GREVILLEA

Thelemanniana (Jewel Flower)—Medium sized shrub with bright green soft, finely cut foliage, bearing scarlet flowers. Dry sunny situation recommended. 75c each.

Rasmarinifolia (Rosemary Grevillea)—6 ft. A dense, compact, rounded shrub, with narrow deep green Rosemary-like foliage. In Spring it has small pink and white flowers. Thrives in full sun or in partial shade. \$1.00 each.

HAKEA

Laurina (Sea Urchin)—15 ft. Large, somewhat erect shrub that will stand adverse conditions to be found on the coast. The crimson and gold flowers of this variety are outstanding. 85c each.

Suaveolens—10 ft. Large erect shrub with light green prickly leaves suggesting a pine. Makes a good hedge and is drought resistant. Has fluffy white flowers in fall or winter. 85c each.

HOLLY—Ilex

True English (*I. aquifolium*)—20 ft. A small tree with glossy, dark green thorny leaves. It is covered with bright red berries during the winter months. Female plants; grafted. Balled. 18 to 24 inches, \$6.00 each.

HYDRANGEA

Hortensis Otaksa—6 ft. Large-leaved shrubs, with enormous corymbs of beautiful pink flowers. Succeed best in a partially shaded location. 85c each.

Triumph—A very popular deep pink variety. \$1.00 each.

HYPERICUM—St. Johns Wort

Calycinum—1 ft. A low growing plant useful for ground cover. Flowers similar to *H. Moseianum*. 50c each.

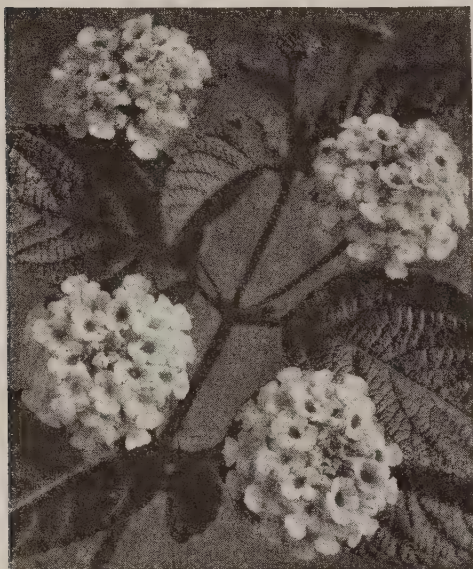
Moserium (Gold Flower)—3 ft. Low shrub with light green foliage spreading 2 to 3 feet across, and large golden yellow flowers. Blooms all summer in sun or part shade. 85c each.

ILLICIUM

Anisatum (*I. religiosum*)—Small tree or shrub with aromatic leaves about 3 inches long and greenish yellow flowers. Hardy. 85c each.

ITEA

Illicifolia—8 ft. Foliage resembles holly. Magnificent shrub. 85c each.

*Lantana***JUNIPERUS—Juniper**

Chinensis Armstrongi—3 ft. Dense, compact habit, and reaching 5 feet in spread; gray-green foliage. \$1.25 each.

Chinensis Femina (Reeves J.)—Loosely branched tree, with bright green foliage covering the branches so densely that they appear to be moss laden. \$1.25 each.

Chinensis Pfitzeriana (Pfitzer's Juniper)—Has bushy widespread horizontal branches, and forms an immense flat irregular head of bluish green foliage, 6 to 8 feet in height and the same across. \$1.25 each.

Chinensis Torulosa (Hollywood Juniper)—A most beautiful variety of narrow semi-erect habit with wavy outline; foliage bright green. Highly attractive. \$1.25 each.

Communis Hibernica (Irish Juniper)—An erect, slender tree to 8 feet; very slow in growth. Ends of the branches have a tendency to turn slightly downward. Can be sheared to make a pyramid. \$1.25 each.

Conferta (Shore J.)—A low creeping juniper with dense, bright green foliage. Makes a heavy matted ground cover of pleasing effect. \$1.25 each.

Excelsa Stricta (Upright Juniper)—A handsome compact shrub, wide at base and tapering at the top; color silvery gray-green, of great merit in coniferous groupings, owing to color and habit. \$1.25 each.

Japonica (Creeping Japanese)—Height 1 ft. with 6 to 8 ft. spread. Foliage bluish-green. \$1.25 each.

Procumbens (Japanese Creeping Juniper)—A prostrate creeping variety with dense compact blue-green foliage. Good for the rocky and for covering slopes. \$1.25 each.

Procera (African Juniper)—Pyramidal form; probably the tallest of the Junipers. \$1.25 each.
Sabina (Savin J.)—A semi-spreading plant, well covered with short, tufted dark green foliage. \$1.25 each.

Sabina Tamariscifolia (Tamarisk Leaved Juniper)—A very fine creeping variety seldom more than 1 foot high and attaining a spread of 6 to 8 feet, making a dense compact mat of gray-green foliage which never changes color. \$1.25 each.

Squamata Meyeri—4 ft. An upright dense shrub, with twisting branches and silver-blue foliage. \$1.25 each.

Virginiana Tripartita (Dwarf Red Cedar)—6 ft. Also known as Fountain Juniper. A low, sturdy form, dense with rigid, broadly spreading branches. \$1.25 each.

LANTANA CAMARA

These shrubs grow rapidly, and are a mass of brilliant color a great part of the year. They require a warm sunny situation, with plenty of water. Early fall pruning promotes winter flowering. Assorted colors in gallon containers. 85c each.

LAUREL

English (*Prunus laurocerasus*)—5-8 ft. A fine evergreen, with broad, shining leaves, producing cream white flowers followed by purple berries. 85c each.

Portugal (*Prunus lusitanica*)—A splendid dense foliage plant, and makes a beautiful trimmed hedge. Sun or partial shade. 85c each.

LAURUS

Nobilis (Sweet Bay)—An erect growing shrub with aromatic dull green leaves. Does well in tubs in exposed positions. 85c each.

LEPTOSPERMUM—Tea Shrub

Laevigatum—6 to 10 ft. A tall evergreen drooping shrub with grayish-green foliage. It withstands drought and is especially adapted for windy places. 85c each.

Scoparium Flore Plena (Rose-Flowered Tea Tree)—3 ft. Dwarf, upright form with dainty foliage, and bearing double pink flowers resembling tiny roses. Full sun or light shade. 85c each.

Nichollsii Rubra (*L. scoparium* var.)—5 ft. A handsome shrub with bronzy foliage and dainty little red flowers, suitable for table decoration. Sun or part shade. 85c each.

LIBOCEDRUS

Decurrens (Incense Cedar)—One of the finest of native California trees. Deep green foliage similar to *Arbor Vitae*, and tall narrow pyramidal habit. 85c each.

LAGUNARIA

Patersonii—Tall shrub or small tree with long thick green leaves, gray beneath, and bearing waxy pale rose flowers, 2½ inches across, in early summer. Semi-hardy. 85c each.

LEONOTIS

Leonurus (Lion's Tail)—6 ft. Orange colored hairy flowers, borne in whorls around the branches during summer and fall. Plants are improved by cutting back every year or so. 85c each.

LIGUSTRUM—Privet

Lucidum—Large shrub or small tree suitable for narrow parkways. Large, thick and shining leaves. 85c each.

Ovalifolium (California Privet)—3 to 8 ft. A valuable evergreen hedge plant. A strong growing shrub with bright medium sized leaves. Can be kept trimmed at any height. Bare roots, 1½ to 2 feet, extra well branched, 15c each; \$1.25 per 10; \$10.00 per 100. Bare roots, 2 to 3 feet, extra well branched, 20c each; \$1.50 per 10; \$12.50 per 100.

Ovalifolium Aureum (Golden Privet)—3 to 8 ft. Golden-margined variety. Very attractive for giving color to shrubbery groups. 85c each.

LEMON

Meyer Dwarf—While this lemon is used mainly for ornamental purposes, the fruits are edible and may be used the same as commercial lemons. Also the Meyer is more hardy and may be grown more successfully where it is too cold for others. The bushy shrub-like trees have flowers and fruit most of the year. Plants in gallon containers \$1.50 ea.; 5 gallon, \$4.50 ea.

MAGNOLIA

Grandiflora—30 ft. The large leathery-leaves are brilliant green; flowers are pure waxy white, of immense size, and very fragrant. 85c each; larger, \$3.50 each.

MAHONIA

Aquifolium (Oregon Grape)—3-6 ft. Erect shrub with glossy holly-like leaves, small yellow flowers in spring, and blue berries through the summer. 85c each.

MELALEUCA

Nesophila (Pink Bottle Brush)—6 ft. A rapid growing erect shrub with lance-shaped leaves and lavender-rose flowers. 85c each.

MUSA

Ensete (Abyssinian Banana)—An ornamental palme-like tree for outdoor subtropical effects in warm situations; also for greenhouse decoration. 85c each; larger containers, \$2.50.

MYOPORUM

Laetum—6-10 ft. A rapid growing foliage shrub or small tree with leathery leaves, and small pink flowers followed by rosy-purple berries. Grows well along the seashore. 85c each.

MYRTLE—Myrtus

Communis—6 ft. An evergreen shrub with aromatic foliage, producing small fragrant white flowers throughout the summer. 85c each.

Communis Microphylla (Small Leaf M.)—4 ft. Foliage is exceptionally small and closely set; spreading habit. Gal. containers, 85c each.

NANDINA

Domestica—6 ft. A handsome shrub of moderate size and rather slow growth. The leaves are light green in summer, turning to a vivid red during the winter. The white flowers are followed by bright crimson berries. 85c each; 5-gal., \$3.50.

OLEANDER

Nerium—Best suited for the warmer sections.

The following: Gal. containers, 85c each

Single Cherry Red

Double Pink

Double Salmon Pink

Prof. Durant—Yellow

OLEARIA

Stellulata (White Tree Aster)—4 ft. Also called "Daisy-tree" for its heads of white daisy-like flowers. 85c each.

OSMANTHUS

Fragrans (Sweet Olive)—5 ft. Large, dark green foliage and small white, fragrant flowers in clusters. \$1.00 each.

Illicifolius (*O. aquifolium*)—A slow growing foliage shrub for shady places, with shining holly-like leaves and fragrant white flowers in autumn. 85c each.

PHOTINIA

Arbutifolia (Christmas or Toyon Berry)—10 ft. A native evergreen shrub loaded with brilliant red berries in the winter. 85c each.

Serrulata Nova—10 ft. A handsome evergreen tree or shrub, the foliage of which becomes very conspicuous in the autumn, when it assumes a reddish hue; flowers white, in large corymbs, produced in early spring.

85c each; larger plants, \$3.50.

*Pleroma***PINUS—Pine**

Canariensis (Canary Island Pine)—One of the finest pines for California. The young needles are in bunches, and are whitish-blue when young, maturing into a lively green. Excellent for tall screen and windbreak; rapid growing and permanent. 85c each.

Mughus (P. mugo var.)—"Dwarf Swiss Mountain Pine." Densely branched with stiff dark green needles. Good rock garden subject.

85c each; larger sizes to \$3.50 each.

Patula—A graceful tree with drooping clusters of grass-green needles to 12 inches in length. Not hardy North. Gal. containers, 2 to 3 feet.

85c each.

Radiata (Monterey Pine)—The most desirable Pine for shade, and more extensively planted than any other variety in this state. Gal. cans, 85c each; ask for quantity prices.

PITTOSPORUM

Crassifolium (Karo Pittosporum)—Large shrub of upright growth with gray-green leaves. It is entirely unaffected by salt winds, and does well in a sandy soil. 85c each.

Eugenoides (Tarata P.)—An erect shrub or small tree, suitable also for a tall clipped hedge. Bright green, wavy edged foliage. 85c each.

Nigricans (P. tenuifolium)—8 to 10 ft. A very handsome upright growing shrub with silvery light green leaves and black stems; a good hedge plant and very ornamental as an individual. 85c each.

Rhombifolium (Queensland Pittosporum)—15 ft. An erect and full shrub or small tree with dark green, serrated, glossy leaves. 85c each.

Tobira (Japanese Pittosporum)—5 ft. One of the finest of the medium sized evergreen shrubs. It is a wide, spreading, dense, round headed shrub with deep, glossy, green foliage. Flowers in terminal clusters, pure white and fragrant.

85c each.

Undulatum (Victorian Box)—10 ft. A shrub or tree with deep, green, glossy, wavy margined leaves. Flowers yellowish-white, intensely fragrant, particularly at night. 85c each.

PLEROMA—Tibouchina

Macranthum (Glory Bush)—10 ft. An exotic shrub with rich royal purple flowers often 5 inches across. The large velvety leaves add to the attractiveness of this plant. Half hardy.

85c each and up.

HALLAWELL'S PRIZE RHODODENDRONS

Unsurpassed in the Spring is the sight of the gorgeous blooming Rhododendrons in San Francisco's Golden Gate Park, attracting visitors and natives alike. Rhododendrons thrive in the Bay Area and make a splendid addition to any garden planting, the ideal gift.

ALICE—Large clusters of deep pink flowers which gradually change to a lovely shade of rose. Balled plants 18 to 24-inch spread.

\$7.50 each.

BETTY WORMALD—This is the first time we have had Betty Wormald in sufficient number to offer. It is a lovely shade of light pink with a pale purple blotch. Balled 18 to 24 inches.

\$7.50 each.

BRITANIA—Bright crimson-red, opening to large full clusters. It blooms quite late in the season. Balled plants 18 to 24-inch spread.

\$7.50 each.

CORNUBIA—This is the first rhododendron to bloom in our Nursery Gardens; it opens the glorious blooming season for these San Francisco favorites. Flowers are glistening bright red. Balled plants 18 to 24-inch spread.

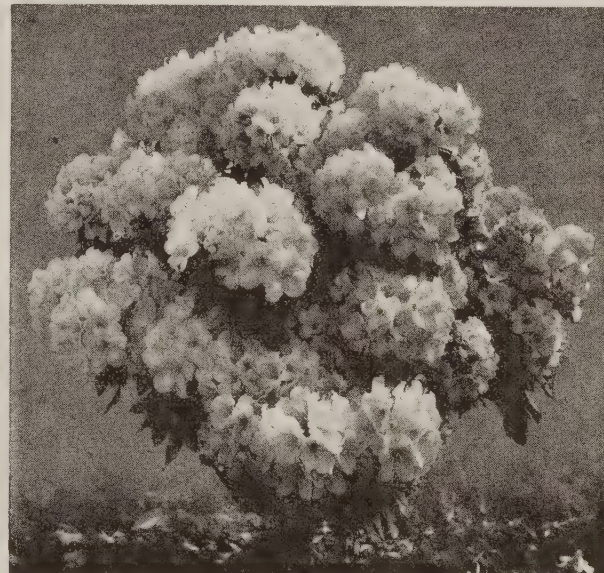
\$7.50 each.

CYNTHIA—A rare beauty with mammoth heads of crimson flowers with an undertone of rose. Balled plants, 12 to 15-inch spread, \$6.50 each; 18 to 24-inch spread, \$7.50 each.

EUREKA MAID—Huge clusters of radiant pink flowers which hold their color throughout the long blooming season. It is a slightly deeper color than the favorite Pink Pearl. Balled plants, 18 to 24-inch spread,

\$7.50 each.

FASTUOSUM—This is one of the few double rhododendrons. The flowers are medium size, double, mauve. \$7.50 each.

*Rhododendron, Pink Pearl***PODOCARPUS**

Elongata (Fern Pine)—15 ft. Medium sized tree with long narrow leaves, suitable in a sunny or shaded position. Very useful as pot specimens in the house, as they endure rather dark interiors. 85c each.

Macrophylla (Longleaf P.)—Medium sized upright tree with horizontally spreading branches and long, lustrous bright green leaves; interesting fruits in the fall. 85c each.

POLYGALA

Dalmatisiana (Milkwort)—4 ft. A profuse flowering shrub with purple pea-shaped flowers, and pretty light green foliage. 85c each.

PROSTANTHERA

Rotundifolia (Australian Mint Bush)—6 ft. A clean upright shrub with gray-green foliage having a pungent aroma, and covered with heliotrope-colored flowers. Likes slightly acid soil. 85c each.

PRUNUS

Caroliniana (Carolina Cherry-Laurel)—10 to 15 ft. For backgrounds and hedges. Glossy light green foliage. 85c each.

Ilicifolia (California Wild Cherry)—5 to 10 ft. Glossy holly-like leaves. Fine for hedges or as a background shrub. 85c each.

PYRACANTHA—Burning Bush

Formosiana Splendens (Splendid Firethorn)—Medium sized variety, bearing large rich red glossy berries. A rather compact habit makes it suitable for smaller gardens. \$1.25 each.

Gibbsii—10 ft. A strong vigorous plant of compact habit bearing orange-yellow berries. A fine variety. 85c each.

Lalandi—8 ft. A thick, thorny evergreen shrub. Leaves are small and glossy green. Flowers are white followed with a profusion of orange berries. 85c each.

Rogersiana Aurantiaca (Roger's Orange Fire-thorn)—8 ft. Valuable as a flowering plant. Berries are glossy orange and produced along the slender shoots clear to the tips. \$1.25 each.

Lewisii—Foliage is dark green, and the rosy-red berries cover the plant during the winter months. \$1.25 each.

Yunnanensis—10 ft. A vigorous grower of spreading habit with bright coral-red berries. 85c each.

REINWARDTIA

Indica (Yellow flax)—Winter flowering subshrub bearing yellow flowers 1½ to 2 inches across in quantity. Cut the plants back occasionally to induce compactness. 85c each.

ROMNEYA

Coulteri (California Tree or Matilija Poppy)—5-6 ft. Native shrub with large, pure white single flowers. \$1.00 each.

SCHINUS

Molle (California Pepper)—30 ft. Shade and ornamental tree with feathery foliage, producing clusters of rosy-red berries in the fall. 85c each.

SEQUOIA

Gigantea (California Big Tree)—Young trees grow very rapidly. 85c each.

Sempervirens (California Redwood)—A native ornamental tree of rapid growth and tapering pyramidal habit. Branches stand out horizontally; leaves dark green. 85c each; larger to \$3.50.

SKIMMIA

Japonica—Evergreen shrub with bright red berries. Thrives in partial shade. Female plants, \$3.00 each; male plants, \$2.00 each.

STERCULIA

Diversifolia (Bottle Tree)—A dense, erect and symmetrical tree, with small variously formed, light green glistening leaves. A splendid street tree in narrow parkways, due to deep rooting. 85c each.

STRANVAESIA

Davidiana—10 ft. Colorful every season of the year. Brilliant hues in winter, followed by colorful fruits, then white spring flowers. \$1.00 each.

TAXUS—Yew

Baccata Fastigiata (Irish Yew)—A slow growing tree of dense, columnar habit; foliage is of the darkest hue. Gallon containers, \$1.00 each; 2½ to 3 ft. \$7.50.

Baccata Fastigiata Aurea (Golden Irish Yew)—The habit and form are the same as the green variety. 2 to 2½ ft., \$4.50; 2½ to 3 ft., \$5.00.

TERNSTROEMIA

Japonica—8 to 10 ft. A large shrub with round leathery leaves which are very lustrous and tinged with purple. A fine shrub that requires little attention. 85c each.

TEUCRIUM

Fruticans (Germander)—Low shrub for dry situations, having light gray foliage and blue flowers during spring and summer. 85c each.

THUJOPSIS

Dolabrata—Handsome tree of dense, broad-pyramidal habit, with flattened fan-shaped branchlets and bright green lustrous foliage. 85c each.

The following are priced according to size:

THUYA—Arbor Vitae

Occidentalis Woodwardii—Dense, globe formed, with dark green foliage.

Orientalis Aurea Nana (Berckman's Golden Arbor Vitae)—Dwarf compact, with bright gold and yellow tinted foliage, retaining its wonderful color and form under all conditions.

Orientalis Bakeri—12 ft. Tall and narrow, with bright green foliage. Well adapted to hot and dry locations.

Beverleyensis (T. orientalis var.)—15 to 20 ft. "Golden Column Arbor Vitae." Golden green foliage throughout the year; at its best in a sunny position. Balled.

Orientalis Compacta—Globe shaped with light green foliage.

Orientalis Elegantissima (Pyramidal Arbor Vitae)—A pyramidal tree to 12 feet, rather broad at the base.

Rosedale—A handsome dwarf type shrub with soft, blue-green foliage. May be planted where it is desirable to have a shrub which does not grow too fast.

TURRAEA

Obtusifolia (Star Bush)—3 ft. An attractive broad and compact shrub with good foliage, in bloom from summer until late fall. The white Jasmine-like flowers have long narrow petals. Full sun or part shade. 85c each.

VERONICA

Buxifolia—2 ft. A dwarf variety with small, bright-green leaves and small white flowers. Useful for growing in tubs and window boxes. 85c each.

Cupressoides—6 ft. Very distinct, compact type. 75c each.

VIBURNUM

Burkwoodi—3 to 4 ft. Hardy, fast growing semi-evergreen, bearing heads of fragrant white flowers. The shining green foliage turns bronze in winter. Sun or light shade with plenty of moisture. \$1.50 each.

Odoratissimum—6 to 8 ft. An ornamental va-



Thuya, Orientalis

riety with thick and glossy dark green leaves, and very fragrant waxy white blossoms. 85c each.

Tinus (Laurestinus)—6 ft. This shrub is covered during winter and spring with flowers in broad heads, pinkish in bud, white when fully opened. Makes a good hedge. 85c each.

VITEX

Macrophylla (Blue Chaste Tree)—8 ft. One of the best blue flowering plants. Loaded with bloom in June and if the old blooms are cut off at the end of the flowering season it will bloom again in August. Each 85c.

XYLOSMA

Senticosa—5 ft. One of the finest foliage plants. Shiny green, luxuriant, graceful. Not particular about soil or water. Plant it in the warmest place in your garden. 85c each.



Laurustinus

FLOWERING TREES AND SHRUBS

These trees and shrubs are usually available about December at our BLUE GLASS NURSERY GARDENS. Many of them are in containers and may be planted any time. Bare root stock should be planted as early as possible—January or February.



Flowering Peach

ALMOND, FLOWERING (*Prunus Communis*)

A beautiful flowering shrub bearing very double flowers.

Dwarf Double Pink—Bare roots, 3 to 4 feet. \$1.50 each.

Dwarf Double White—Bare roots, 3 to 4 feet. \$1.50 each.

AZALEA (*Rhododendron*)

Altacularese—4 ft. Shrub of medium size, preferring partial shade. Flowers are bright orange-yellow, brilliantly colored in the fall. Balled.

\$2.75 each.

Mollis—4 ft. In early spring just before the leaves unfold, the flowers appear in great profusion in shades of orange, apricot or yellow. Mixed colors only. Balled, \$2.50 each.

BIRCH (*Betula*)

European White—30 ft. Graceful avenue or shade tree; silvery bark and slender branches. Extra branched. \$2.25 each.

Cut-Leaf Weeping—20 ft. Slender drooping branches, and delicately cut foliage. Bare roots, 4 to 6 feet. \$1.75 each.

CHERRY, FLOWERING

Kwanzan—15 ft. Double deep pink, very large. Bare roots, 5 to 6 feet, well branched. \$2.25 each.

Mount Fuji—15 ft. Double white. Bare roots, 5 to 6 feet, well branched. \$2.25 each.

Naden—15 ft. Double, tender pink. Bare roots, 5 to 6 feet, well branched. \$2.25 each.

CRAB APPLE FLOWERING (*Pyrus*)

Bechtel's (*P. ioensis* var.)—8 to 12 ft. For the lawn or for planting with low-growing shrubs; covered in early spring with large beautiful double, fragrant flowers. Delicate pink. Bare roots, 3 to 4 ft. \$1.50 each.

Arnoldiana (*P. floribunda* var.)—Commonly called Showy Crab Apple. Flowers single, carmine in bud, pale flesh when open. Vigorous grower and free bloomer. 4 to 5 feet. \$1.50 each.

Halliana (Hall's Flowering Crab)—Long willowy branches bearing a profusion of single or double pink flowers. Bare roots, 5 to 6 feet. \$1.50 each.



Azalea Altacularese

Niedzwetzkyana (Redvein Crab)—A Siberian species remarkable for the red colors of flowers, branches, leaves and fruit. A free and early bloomer. Bare roots, 5 to 6 feet. \$1.50 each.

KOLKWTZIA

Amabilis (Beauty Bush)—An exceedingly handsome, ornamental shrub resembling the Weigela. Height 6 feet at maturity, long arching branches covered with pale pink flowers in June. Bare roots, 2 to 3 feet. \$1.50 each.

LABURNUM (Golden Chain)

Vossi—Golden yellow flowers hang in long clusters like a wisteria. Strong plants 4 to 5 ft. \$2.50 each.

LEMON VERBENA

Lippia citriodora—Narrow pointed leaves, fragrant when bruised. Grows 8 to 12 feet high. Gal. cans, 85c each.



Lilac

CORNUS (Dogwood)

Florida—10 ft. shrub or small tree; handsome foliage and large single white flowers. Sun or partial shade. Size 2 to 3 feet. \$2.00 each.

Florida Rubra (Pink Flowering Dogwood)—Pink flowers 4 inches across; prefers semi-shade. Bare roots. \$3.50 each.

CRANBERRY BUSH (*Viburnum opulus*)—8 feet. White flowers in the spring followed by scarlet berries which remain until the following spring. 2 to 3 feet. \$1.25 each.

CRAPE MYRTLE—*Lagerstroemia indica*

Pink (*L. indica rosea*)—10-15 ft. Bright green leaves, and a profusion of flowers with crimped petals during the summer. Gal. cans, 18 to 24 inches. 85c each.

Red—Red flowering form of above. Gal. containers, 18 to 24 inches. 85c each.

CURRENT, FLOWERING (*Ribes sanguineum*)—

A large native shrub of upright habit, growing about 6 feet high with many red-barked twigs. Blossoms deep pink in long drooping racemes in early spring, followed by large glaucous blue berries. Gal. cans. \$1.00 each.

ERYTHRINA (Coral Tree)

Crista-galli—10 feet. Large crimson flowers borne along the slender drooping branches, in the early spring, followed by large glaucous blue berries. Gal. cans, \$1.00 each.

FORSYTHIA (Golden Bells)

Suspensa—8 ft. Golden yellow flowers are borne along the slender drooping branches, in the early spring. 3 to 4 feet. \$1.00 each.

HAWTHORN (*Crataegus*)

For lawns and grouping. Small flowers in clusters followed by red berries in the autumn.

OXYCANTHA Splendens (Paul's Scarlet Hawthorn)

—A small, erect tree of rapid growth. Flowers are scarlet and double, followed by red berries. Heavy stock, 6 to 8 feet. \$2.75 each.

Double Pink—Branched, 6 to 8 feet. \$2.75 each.

Cordata (Washington Thorn)—One of our handsomest small trees. Leaves deep glossy green until late fall, when they assume beautiful red and yellow tints. Flowers are white, followed by clusters of small, glossy red berries. Bare roots, 5 to 6 feet. \$2.75 each.

LILACS (*Syringa*)

\$1.75 Each.

Charles Sargent—Double, mauve and blue.

Katherine Havemeyer—Large, double, blue flushed mauve.

Mme. Florent Stephan—Double white.

Paul Thirion—Double red; late.

Pres. Grevy—A very fine double blue.

Ruhm von Hornstein—Double purple.

LIQUIDAMBAR styraciflua (Sweet Gum)—A large pyramidal tree of slow growth; endures salt air, and is suitable for avenue planting. The maple-like leaves are glossy green, turning to brilliant hues in the Fall. 85c each.



Magnolia

LIRIODENDRON (Tulip Tree)

A splendid hardy tree resembling an erect growing Plane in habit. It has very ornamental foliage, light green in color and conspicuous yellow flowers. \$2.00 each.

MAGNOLIA

Campbelli—A deciduous magnolia bearing lovely clear pink flowers with no trace of magenta or purple. The flowers are unusually large, often 10 inches in diameter and usually has 12 petals, the outer ones spreading wide and reflexing as the flower opens, the center petals standing upright. A magnificent flower. The tree requires some years to reach flowering age. It flowers in February in Golden Gate Park. Pot plants 12 to 18 inches. \$7.50.

Soulangeana Nigra (Saucer Magnolia)—In the Bay Area this lovely tree blooms in March before the foliage appears. The flowers are stunning both in form and color. The pointed petals about 6 or 7 inches long are purple, pink-lavender outside, the inside, pale lavender to white. Balled plants. \$5.00 each.

Stellata (Star Magnolia)—This beautiful deciduous magnolia grows to a small spreading tree. About March or April it bears great numbers of fragrant white flowers 2½ to 3 inches in diameter. \$5.50 each.

MOUNTAIN ASH

European (*Sorbus aucuparia*)—25 ft. The Rowan Tree. Creamy white flowers followed in August to November with clusters of red berries. Bare roots, 6 to 8 feet. \$2.00 each.

PEACH, FLOWERING

The branches are covered with a mass of beautiful flowers long before leaves appear.

Double Red—Bare roots, 5 to 6 feet. \$1.50 each.
Double White—Bare roots, 5 to 6 feet.

\$1.50 each.

Double Pink—Bare roots, 5 to 6 feet. \$1.50 each.

Double Red, Dwarf—Bare roots, 6 to 9 inches. \$1.00 each; larger \$1.50.

PHILADELPHUS (Mock Orange)

Virginal—6 ft. An improved form with sprays of large snow-white flowers of exceptional fragrance. Sun or light shade. 2 to 3 feet.

\$1.25 each.

PLUM (Prunus)

Blireana—Handsome ornamental plum with semi-double flowers of soft pink borne on long slender branches. Foliage is heavily tinged with bronze. Bare roots, 4 to 6 feet. \$1.25 each.

Pissardi (Purple Leaf Plum)—A profusion of small pale pink flowers in the early spring, followed by splendid deep purple foliage. B. R., 4 to 6 feet. \$1.50 each.

POMEGRANATE, FLOWERING (Punica)

Dwarf—Bright foliage and red fruits tend to make this one of the best of low growing ornamental hedges, or edgings. The fruit will stay on the plant over a long period. Gallon cans.

85c each.

POPLAR

Lombardy (*Populus nigra italica*)—90 ft. A picturesque and rapid growing, narrow-columnar tree. Bare roots, 6 to 8 feet. \$2.00 each.

QUINCE

Flowering (*Chaenomeles*)—A much branched shrub 6 to 8 feet in height, producing bright colored flowers along the stems before the leaves appear. Very striking.

Pink—Bare roots. \$1.00 each.

Red—Bare roots. \$1.00 each.

SNOWBALL

Common (*Viburnum opulus sterile*)—8 ft. Profusion of immense white ball-shaped flowers in May and June. 2 to 3 feet. \$1.25 each.

SPIRAEA

Van Houttei (Bridal Wreath)—6 ft. clusters of white florets; early flowering and compact. Bare roots, 2 to 3 feet. 85c each.

SYCAMORE

European (*Platanus orientalis*)—The Oriental Plane Tree. Handsome, spreading street tree, with bright green Maple-like foliage. Bare roots, 8 to 10 feet. \$2.00 each.

TAMARIX

Africana (*Tamarisk*)—15 ft. Feathery foliage and small, pink flowers on gracefully bending branches. Bare roots, 3 to 4 feet. \$1.25 each.

WEIGELA (Diervilla)

Ornamental free-flowering shrubs, producing trumpet-shaped flowers of many shades of color during June and July.

Eva Rathke—5 ft. A remarkably free bloomer, flowering continuously throughout the summer and fall; rich ruby-carmine flowers. Bare root, 2 to 3 feet. \$1.00 each.

Rosea (*W. florida*)—6 ft. An elegant shrub, producing trumpet-shaped flowers of a fine rose color. Bare roots, 2 to 3 feet. \$1.00 each.

WEeping WILLOW (Salix)

6 to 8 ft. \$1.40 each.

CLIMBING AND TRAILING PLANTS

AKEBIA

Quinata (*Five-Leaf A.*)—A handsome semi-evergreen hardy vine or trailer. Graceful, with fragrant purplish flowers; needs sunny and well-drained situation. 2 year. 85c each.

AMPELOPSIS

Veitchii (Boston Ivy)—Ornamental climbing foliage plant, clings closely without any assistance to a stone wall or wooden surface. In autumn the leaves assume a reddish-copper tint. 2 year roots. 85c each.

Quinquifolia (Virginia Creeper)—Foliage much larger than the preceding, with a more vigorous habit of growth, the leaves assuming a bronzy hue in the fall, but not of clinging habit. 2 year roots. 85c each.

Sempervirens—A fine evergreen climber with small, very dark green leaves tinged red on the new growth. Gal. containers. 85c each.

Lowi—A splendid variation from Boston Ivy. Smaller and deeply cut foliage. Clings to smooth surface. Bright red in fall. \$1.00 each.

AUSTRALIAN PEA VINE

Dolichos lignosus—Rapid growing evergreen vine that flowers freely with clusters of rose colored flowers. Gal. containers. 75c each.

BIGNONIA (Trumpet Vine)

Beautiful climbers with large, showy, trumpet-shaped flowers; they require a warm, sunny position and protection.

Cherere—An evergreen variety, with long trumpet-shaped flowers 3 inches in diameter; in color a rich shade of blood red. 85c each.

Tweediana—Flowers lemon-yellow and usually broader than long. Evergreen with tendrils that adhere to stone. 85c each.

Violacea—Foliage quite glossy, evergreen. Flowers lilac on the lobes, yellow inside tube. 85c each.

BOUGAINVILLEA

(Do not remove from containers when planting)
Braziliensis—A beautiful climber, having peculiarly shaped flowers somewhat resembling the

leaves in shape and produced along the end of the branches in great profusion; color, rosy-purple. They do well in a sheltered sunny location. \$1.25 to \$3.50 each..

Crimson Lake—Just as vigorous as the above, but more tender. Flowers are brilliant rose-red. Gal. containers. \$1.25 each.

Mrs. Praetorius—A new and very distinctive variety. The color is bronze with overtones of pink and orange. Just as hardy as the Crimson Lake. Gal. containers. \$1.25 each.

CELASTRUS

Scandens (Bittersweet)—Twining plant which thrives in shade. Yellow flowers in midsummer. Ornamental fruits in autumn. \$1.00 each.

CLEMATIS

Hardy deciduous climbers. Potted plants. \$1.50 each.

Henryi—Large white.

Jackmani—Violet purple.

Mme. Edouard Andre—Mauve to carmine.

Montana Rubens—Pale pink.

Ramona—Large flowered blue.

Tangutica—Golden yellow.



Jessamine

CLIANTHUS PUNICEUS (Parrot Bill)
(Protect from frost until established)

Excellent for training against a wall, bearing great masses of drooping brilliant scarlet blossoms, which resemble a parrot's bill. 85c each.

FICUS

Pumila (Fig. Vine)—Handsome little evergreen climber with small dark green leaves; clings to stone or wood. Gal. containers. 85c each.

HARDENBERGIA

Comptoniana—Winter blooming evergreen climber, producing a profusion of small violet-blue, pea-shaped flowers in long racemes. Height 8 feet; prefers partial shade. Gal. containers. 85c each.

HONEYSUCKLE (Lonicera)

Halliana (Hall's Japanese)—A strong, vigorous, almost evergreen sort, with pure white flowers, changing to yellow; very fragrant. Gallon cans. 85c each.

Chinensis—Strong grower, new growth is reddish-purple on branches and back of leaves. Flowers white and pink, fragrant. Gallon cans. 85c each.

Hildebrandiana—Evergreen climber having yellow flowers 6 inches long, and glossy, green foliage; fragrant. \$1.50 each.

HOYA

Carnosa (Wax Plant)—A succulent climber with thick light green leaves, and fragrant white flowers with pink centers. A good trellis plant in pots for summer, but should be shaded from the hot sun. \$1.50 each.

IPOMEA

Leari (Blue Dawn-Flower)—Rapid growing climber with large dark blue flowers; free bloomer. 75c each.

IVY (Hedera)

English (H. helix)—Large, dark green leathery leaves. Clings tenaciously to walls; makes a good ground cover under trees. Gallon cans. 85c each.

English Small Leaved—4-inch pots, 40c each; Gallon cans, 75c each.

Hahn's Self Branching (H. helix var.)—Small leaves borne thickly on graceful branches. Make fine house and window box plants. 75c each.

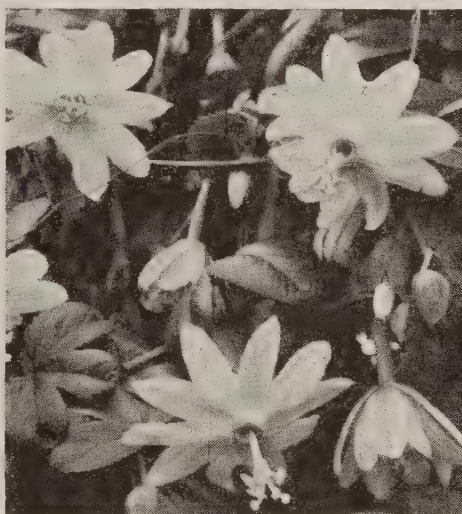
Maderensis Variegata—A giant leaved form with a broad yellow margin. Gallon cans. 85c each.

JASMINUM (Jasmine)

Grandiflorum (Catalonian Jasmine)—Flowers pink in bud, white when open, very large and delightfully fragrant. Blooms most of the time. Gallon containers. 85c each.

Primulinum (Double Yellow Jasmine)—Flowers very large and usually double. The fastest growing Jasmine. Gal. containers. 85c each.

Stephanense (Pink Jasmine)—A beautiful pink-flowering variety with twining, slender stems. Fragrant flowers, more than an inch in diameter. Gal. containers. 85c each.



Pink Passion Vine

LANTANA

Sellowiana (Trailing Lantana)—The lavender flowers appear all year. For rockeries and window boxes. (Protect from frost until established.) 4-inch pots, 40c each; gal containers, 85c each.

MANDEVILLA

Suaveolens (Chilean Jasmine)—Summer blooming deciduous vine. White Jasmine-like flowers, but larger and even more fragrant. Gal. containers. 85c each.

PASSION VINE (Passiflora)

Very rapid growing evergreen climber with large green leaves and brilliantly colored handsome flowers.

Jamesoni (Tacsonia)—Bright salmon-pink with a tube 4 inches long. Foliage glossy bright green. Gallon containers. 85c each.

Pink (P. mollissima)—Clear pink flowers. Gal. containers. 85c each.

Scarlet (P. manicata)—A very brilliant color. Gal. containers. 85c each.

PHILADELPHUS

Mexicanus (Climbing Mock Orange)—A hardy, vigorous vine, excellent for training over a pergola; evergreen. Fragrant, creamy-white double flowers 2 inches across. Gal. containers, 12 to 18 inches. 85c each.

PLUMBAGO

Capensis—May be grown as a bush or low climber. The light sky-blue flowers are produced throughout the summer; stands drought and brightest sunshine. Gal. cans. 85c each.

POLYGONUM

Auberti (Silver Lace Vine)—Hardy climber of vigorous growth, producing foamy sprays of white flowers during summer and fall. 2-year-old roots. 85c each.

PYROSTEGIA

Igneae (Bignonia venusta)—Flame Vine. Woody evergreen climber having handsome foliage and long, flaming orange-scarlet flowers through the winter. Requires a warm, sunny situation. 85c each.

SOLLYA

Heterophylla (Australian Bluebell Creeper)—Valuable for covering banks and low fences; hardy evergreen. The nodding bell-shaped flowers are brilliant blue. Gal. containers. 85c each.

TECOMA

Jasminoides (Pandorea)—Shrubby climber bearing panicles of white flowers with pink throats. Gal. containers. 85c each.

TRACHELOSPERMUM

Jasminoides (Star Jasmine)—Also known as Rhynchospermum. A splendid evergreen climber of strong but not rampant growth with leathery, glossy leaves which make a dense mat. Covered in spring and early summer with very sweet scented star-like flowers. It thrives equally well in full sun or semi-shade, and is hardy almost everywhere in California. Gal. containers. 85c each.

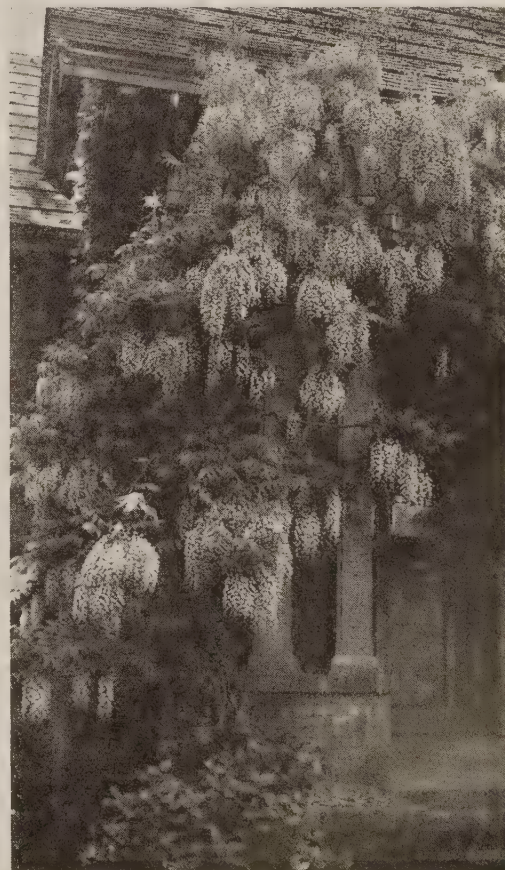
WISTERIA

One of the most elegant and rapid-growing of all climbing plants, bearing long grape-like clusters of flowers in early spring before the leaves appear.

Sinensis Purple—Racemes nearly a foot long and very compact. Flowers are light purple. 2-year-old grafted stock. \$1.50 each.

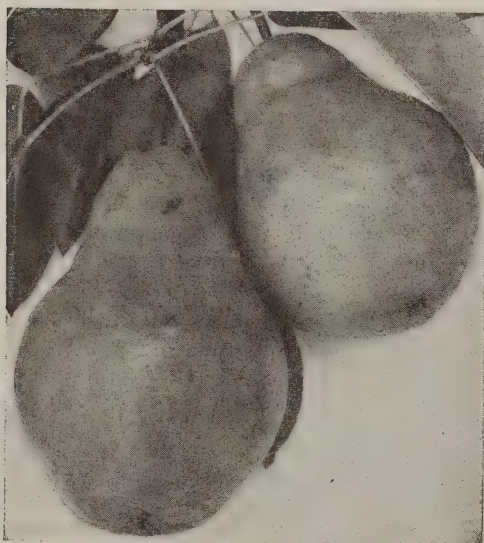
Multijuga Pink—2-year grafted. \$1.75 each.

Multijuga White— \$1.75 each.



Wisteria

Hallawell's DECIDUOUS FRUIT TREES



Bartlett Pears

APPLES

\$1.25 each.

ESOPUS-SPITZENBURG—Large, light red; rich, sprightly, vinous flavor. One of the best, November.

GRAVENSTEIN—A large, striped, beautiful, roundish apple; of excellent quality, juicy, highly flavored. August.

RED ASTRACHAN—Large, roundish, skin deep red; flesh white, juicy and crisp. June and July.

RED DELICIOUS—Dark red splashed with golden-yellow. Fine grained and highly flavored. Ripe in November.

WINTER BANANA—Medium to large yellow, usually shaded crimson. Rich sub-acid flavor; begins bearing very young. October to December.

YELLOW BELLFLOWER—Very large, oblong; skin smooth and of pale lemon color; flesh firm but tender; juicy and sub-acid. November.

YELLOW DELICIOUS—A very fine yellow apple.

YELLOW NEWTON PIPPIN—Large; flesh yellow, firm, crisp, juicy. The best winter apple. December.

CRAB APPLES

\$1.25 each.

YELLOW SIBERIAN—Fruit is of large size; golden yellow and borne in clusters. An erect, free grower. Bears very young.

HYSLOP—Dark red fruits with yellow flesh growing in clusters.

ALMONDS

\$1.25 each.

Two or more varieties should be planted together to insure pollination.

DRAKE—Spreading habit, very productive and a good pollinizer. Nut medium size, medium soft shell.

NONPAREIL—An extraordinarily heavy and regular bearer with very thin shell.

TEXAS PROLIFIC—A good pollinizer and produces a large crop of nuts regularly.

SHIPPING ORDERS—Shipping orders for fruit trees will be accepted subject to wartime conditions. If for any reason shipment cannot be made, the money sent will be refunded.

PACKING CHARGE—Send 25c for handling charge on orders for fruit trees, under \$2.00. For fruit tree orders amounting to more than \$2.00, add 10% of the amount of order, for packing. Trees will be sent by express collect.

APRICOTS

\$1.25 each.

BLLENHEIM—An excellent variety and in great demand. The trees are early and regular bearers and have an abundance of foliage thoroughly protecting the fruit. Fruit above medium, oval; orange color, with deep yellow, juicy and rich flesh. July.

HEMSKIRKE—Large, roundish; flesh bright orange, rich and juicy. August.

ROYAL—A very fine apricot. Of medium size, yellow with red check; immensely productive; ripening June.

TILTON—A fine flavored apricot, and a leading commercial variety in inland valley districts. Very late.

CHERRIES

\$1.25 each.

BING—Fruit large, dark brown or black; very fine. June.

BLACK TARTARIAN—Very large, brick black. Late June.

ROYAL ANN (Napoleon Bigarreau) — Very large, amber in color. The favorite white cherry. Late June.

FIGS

\$1.25 each.

KADOTA—Fruit medium size, light green skin, well flavored and sweet. In the ripening stage it exudes a drop of sap, which prevents ants entering the fruit.

MISSION or CALIFORNIA BLACK—Leading black variety for shipping or drying. Makes a large tree and bears heavily.



Red Delicious Apple



Elberta Peach

MULBERRY

Price, 3 to 4 feet. \$2.00 each.

PERSIAN—Tree of rather slow growth, but bears young and produces the largest and finest fruit of all mulberries. The fruit is black, one to one and a half inches long with a fine flavor. Commences to ripen in early summer and bears continually until late fall.

MEDLAR

\$1.50 each.

An apple-shaped pome; very tasty when fully ripe.

NECTARINES

\$1.25 each.

BOSTON—Large, deep yellow, with a bright blush and mottlings of red. The sweet yellow flesh has a pleasant flavor. Late July.

QUETTA—Very large, beautiful, highly colored fruit. Firm and good flavor.

OLIVE

Used largely for ornamental purposes. \$2.00 and up, according to size.

PEARS

\$1.25 each.

BARTLETT—A vigorous and strong grower. Bears heavily; good for shipping and canning. August.

BEURRE HARDY—Large, symmetrical and attractive fruit; well flavored. August, September.

DOYENNE DU COMICE—Large greenish-yellow shaded with crimson. October.

WINTER NELIS—Medium size, roundish, yellowish green, dotted with russet. Fine flavor November to January.

POMEGRANATES

\$1.25 each.

WONDERFUL—The best variety. Pomegranates are more likely to set and mature fruit in districts having high temperatures during the summer and fall.

PERSIMMON

HACHIYA—Fruit very large, oblong and pointed; skin bright red and flesh deep yellow, 4 to 6 feet. \$2.00 each.

FUYU—Large fruits which may be eaten while solid. Trees bear second year and are very productive. 4 to 6 feet. \$2.00 each.

PEACHES**\$1.25 each.**

ALEXANDER—Generally known as the Early Strawberry Peach; partial freestone. Medium size, skin greenish white nearly covered with rich red; flesh white, very juicy, sweet. Early June.

BABCOCK—Medium sized; highly colored fruits; white flesh; freestone. Early June.

ELBERTA—Freestone. Very large, bright yellow with a beautiful red mottled cheek; flesh yellow, juicy and sweet; regular bearer. End of July.

EARLY CRAWFORD—Freestone. Very large; color yellow, red cheek; flesh yellow, rich, excellent. Very productive. Middle of July.

GUAME—Cling. A good canning variety. Large, with clear yellow flesh and small pit. Late August.

J. H. HALE—Large yellow freestone. Highly colored, almost fuzzless. Flesh tender but firm. August.

KRUMMEL—A very fine yellow freestone ripening in October when all other peaches are gone.

STRAWBERRY—Freestone. Medium sized, red-cheeked fruits; fine flavored and juicy. July.

PLUMS**\$1.25 each.**

CLIMAX—Very large, heart shaped; skin thick, firm, deep vermilion-red; flesh yellow and very rich. July.

GREEN GAGE—Small, round fruits of the finest quality; greenish yellow, with brown dots; juicy and sweet. August.

SANTA ROSA—Deep purplish crimson, very large and extremely early. Middle of June.

SATSUMA—Large; blood-red flesh; of fine flavor.

YELLOW EGG—Very large, egg-shaped. The yellow flesh is juicy and sweet when ripe. August.

WICKSON—Large and heart-shaped; color is yellow, turning carmine-red as it ripens. August.

QUINCES**\$1.25 each.**

PINEAPPLE—Very fine flavor. Large.

PRUNES**\$1.25 each.**

COATES 1418—Fruits are uniformly large and of excellent quality fresh from tree or dried.

FRENCH IMPROVED—The popular prune grown in all district of California.

SUGAR—Very large. Ripens early in August. Skin light purple, tinted with green, changing at maturity to dark purple, covered with a thick white bloom. Early August.

WALNUTS

FRANQUETTE—Nut is quite large, of an elongated oval shape and very attractive; kernel full, sweet and of a rich, nutty flavor; a late bloomer. Grafted on California Black Walnut root, 4 to 6 feet. \$3.00 each.

PAYNE'S SEEDLING—A large shapely nut; kernel very meaty and rich in flavor. Bears regularly and heavily. Grafted on California Black Walnut root. 4 to 6 feet. \$3.00 each.

DELICIOUS BLUEBERRIES

The old-fashioned blueberry has become modernized; now the berries are much larger and the yield has been increased tremendously. They require acid soil, containing a liberal amount of deep moisture. For the purpose of better pollination, plant two varieties. Set them 3 feet apart in the row, 5 feet between rows.

Prices: 3-year Plants, \$2.00; Each; 12 for \$20.00.

Shipping Orders: Add 20% for Packing.

CABOT—Early, grows 3 feet high and a broad low bush.

CONCORD—Upright growth to 6 feet.

RANCOCAS—Upright, slender growth to 5 feet.

STANLEY—Yields abundantly, especially when planted with other varieties for pollination.

RHUBARB**LARGE CHERRY GIANT**

This is the finest rhubarb grown and our roots will produce large stalks in abundance the first year. Roots set in March or April and properly fertilized should bear by August. The stems are bright cherry red in winter and are so tender they do not need peeling when cooked. Three plants well cared for will supply sufficient rhubarb for the average family. Strong divisions that will produce large stems. Each 45c; 50c postpaid.

*Satsuma Plum***GRAPES****CALIFORNIA VARIETIES**

No Grape Vines Shipped Outside the State of California.

Standard No. 1 Grade, 35c each; \$2.50 per 10.

BLACK CORNICHON—Large, elongated fruits. Ripens October.

RED MALAGA—Red. September. Suitable for arbors.

MUSCAT—Pale amber. August-September.

OLIVETTE BLANCH—Greenish amber, large and elongated. September.

RIBIER—Extra large, black handsome grape. August, September.

THOMPSON'S SEEDLESS—Yellow. August. Suitable for arbors.

EASTERN VARIETIES

The following: 35c each; \$2.50 per 10.

CONCORD—Black. August. Arbor variety.

ISABELLA REGIA—Bluish black. September. Arbor variety.

ARTICHOKES

Large root divisions that will bear buds the first season. 35c each; 50c each postpaid within 4th zone.

DWARF FRUIT TREES**Full Size Fruits on Small Trees**

Dwarf trees are budded and grown on dwarfing understock. They require only about one-fourth as much space as the ordinary fruit tree and by proper pruning may be kept to a height of about 6 to 10 feet. They bear when small or young and they may be grown tree shape or Espalier. We offer them in the following varieties.

Price, \$2.50 Each.

Packed for Shipping, \$2.75 Each.

DWARF APPLE

RED DELICIOUS—Red splashed yellow.

YELLOW DELICIOUS—Yellowish green.

SPITZENBERG—Large light red.

DWARF APRICOT

BLLENHEIM—Ripens in July.

TILTON—Ripens very late.

DWARF CHERRY

LAMBERT—The largest sweet cherry; ripens in June.

DWARF PEACH

LATE CRAWFORD—Red and yellow.

LADY SUSANNE—Blush; ripens September.

DWARF PEAR

BARTLETT—Ripens in August.

PASTOREN—Large yellow. Late.

DWARF PLUM

SATSUMA—Blood red flesh.

REINE CLAUDE—Purple; ripens in August.

*Dwarf Apple — 14 Years Old*

OTHER CALIFORNIA FRUITS

SHIPPING ORDERS—Orders for balled fruit trees will be accepted subject to wartime conditions. If for any reason shipment cannot be made of all, or any portion of the order, a refund will be made.

PACKING CHARGE—These trees require heavy packing materials. Please add 20% of the amount of the order to cover cost. Trees will be sent by express collect.

AVOCADO

FUERTE—A splendid home garden avocado. The fruit is pear-shaped with a smooth green leathery skin and a creamy yellow flesh. The tree is large and spreading; fruit ripens in winter. 4 to 6 foot trees. Each \$6.00.

KUMQUAT

A semi-dwarf tree, bearing most of the year small golden-orange, olive-shaped fruits—excellent for marmalade. The trees grow about 8 feet high and are hardy almost anywhere in California. Each \$4.50.

LEMONS

EUREKA—Tree nearly thornless, of rapid growth, and prolific bearer, fruit of the best quality. A general favorite. Each \$4.50.

MEYER DWARF—While this lemon is used mainly for ornamental purposes, the fruits are edible and may be used the same as commercial lemons. Also the Meyer is more hardy and

may be grown more successfully where it is too cold for others. The bushy shrub-like trees have flowers and fruit most of the year. Plants in gallon containers \$1.50 each. Larger size, each \$4.50.

LIMES

BEARSS SEEDLESS—Very large, very juicy with pronounced acidity. Hardy and enormously productive. Each \$4.50.

LIMEQUAT

A cross of Lime and Kumquat. The thin-skinned fruit resembles the lime, is light yellow, juicy and delicious in beverages. The trees do not get very large. Each \$4.50.

ORANGES

RIVERSIDE WASHINGTON NAVAL—Fruit first-class in every respect; size medium to large, oval, smooth, symmetrical, seedless, pulp fine grained, flavor excellent. A solid, perfect fruit. Each \$4.50.

VALENCIA LATE—A vigorous growth, making a handsome tree, early in bearing and very prolific; fruit medium sized, skin thin, light color; flesh deep rich color, fine grained and very juicy. May and June. Each \$4.50.

POMELOS

(Grape Fruit)

MARSH'S SEEDLESS—Medium, practically seedless, skin thin and smooth; pulp juicy. Each \$4.50.



Robertson's Navel Orange

ROBERTSON NAVAL—The finest winter ripening orange for California. It begins bearing large luscious fruits while the trees are small and easily outyields any other variety. The flavor and quality are unexcelled. Each \$5.00.

PERENNIAL FLOWERING PLANTS

MAIL ORDERS—Please Note: Perennial plants are not all available at the same time. We send them when they are ready, therefore on an order for assorted perennials it may be necessary to make several shipments.

This necessitates additional packing and postage for which we must make a shipping charge as follows:

ORDERS FOR \$2.00, or more, add 20% of the amount of the order to cover packing and postage within the 4th zone (300 to 600 miles from San Francisco). No mail order under \$2.00 for perennial plants, please.

WE STOCK a complete line of perennial plants in season. Not all of them are listed in this catalog. Many are growing in our display gardens where visitors may see them during the flowering season. You are invited to visit our Blue Glass Nursery Gardens, 19th Ave. at Sloat Blvd. The Gardens are open week days and Sundays.

AGAPANTHUS—Blue African Lily

The flowers are bright blue and are produced in clusters of 20 to 30 on stalks 3 feet tall. Strong roots. Each 85c.

AJUGA

Reptans Rubra—Forms a close carpet of richly bronzed purple leaves with blue Mint-like flowers on 4 to 6-inch stems. Useful for damp, shady places. Clumps. Each 25c; 3 for 60c; doz. \$1.75.

ANCHUSA

Italica Lissadell—Grows to 5 ft.; flowers bright, gentian-blue. Each 30c; 3 for 75c; doz., \$2.50.

ALYSSUM

Saxatile (Golden Tuft)—Grayish-green foliage, bright yellow flower heads. 1 foot. Each 30c; 3 for 75c; doz., \$2.50.



Aquilegia

ANEMONE JAPONICA

Bloom from August until late in the fall and attain a height of 4 to 5 feet. Partial shade.

Each 35c; 3 for \$1.00.

Marie Manchard—Semi-double, white.

Margarete—Double, deep-pink.

Prince Henry—Double red; dwarf, early.

Queen Charlotte—Silvery pink.

Richard Ahrends—Lovely shell pink.

September Queen—Semi-double, red.

AQUILEGIA—Columbine

The new long-spurred Columbines have lovely large flowers and long stems. Fine for garden display and for cutting. Partial shade.

Hallawell's Select Hybrids—

35c each; 3 for 90c doz., \$3.00.

ARENARIA

Caespitosa (Irish Moss)—Makes a vivid green carpet an inch or so high and spreads rapidly. Fine for rock gardens and flag walks.

Sections, 50c each; flat, 14x24 inches, \$2.00.

Packed for express shipment, \$2.50.

ARMERIA—Sea Pink

Evergreen border plant, very dwarf, requiring no trimming; flowers rose-pink. Doz., \$1.00.

ASTER, HARDY—Michaelmas Daisy

(Ready in March)—Single flowers, very desirable for cutting. Bloom September and October. We have a fine assortment of the newer varieties. The following, 3 for \$1.00; dozen, \$3.50.

Alpinus Goliath—6 to 10 inches, bluish purple flowers in early summer.

Amethyst—3 feet. Purple blue, double flowers in great numbers.

Beechwood Charm—Brilliant crimson-red; medium height; free flowering.

Countess of Dudley—9 inches. Charming, clear pink flowers with yellow eye. Bushy.

Lilac Time—12 inches. Lovely soft lilac flowers in September.

Mauve Cushion—9 inches. A cushion-like plant, delicate mauve flowers in October, November.

Red Rover—3 to 4 feet. Deep rosy-red flowers.

Royal Pink—One of the most prolific bloomers; bright pink.

Skyland Queen—Large, light blue flowers. Early.

Sunset—One of the best new pink sorts.

Frikarti—The clear lavender-blue flowers are 2 to 2½ inches across on stems suitable for cutting. A fine, very long blooming variety.

Each 35c; 3 for \$1.00.

PERENNIAL FLOWERING PLANTS

CAMPANULA—Bellflower

Canterbury Bells—Cup and Saucer; mixed.

Each 30c; 3 for 75c; doz. \$2.50.

Persicifolia (Peach Bells)—Perennial; 4 feet tall. In bloom during June and July. **White, Blue.**

Each 30c; 3 for 75c; doz. \$2.50.

Portenschlagiana—A low growing perennial sort with slender, graceful foliage and small blue-purple bell-shaped flowers.

Each 30c; 3 for 75c; doz. \$2.50.

CHRYSANTHEMUM MAWII

A hardy perennial with attractive silvery foliage, and rich rose-pink, daisy-like flowers. It is compact in growth and almost continuously in bloom.

Each 30c; 3 for 75c; doz. \$2.50.

CONVOLVULUS

Mauritanicus—Low-growing, spreads about 18 inches and bears lovely blue flowers. Gallon containers.

Each 85c.

CARNATIONS

50c each. By mail, 3 or more plants, 60c each.

GENERAL MacARTHUR—Large Victory-red.

GOLDEN WONDER—Light yellow and pink.

HOLLAND—Large pure white.

JOHN BRIERY—Deep pink.

LA FIESTA—Orchid and Claret.

LONDON SMOKE—Smoky blue.

LULU—Orchid with silver tips.

MAIN GOLD—Fine yellow.

MARCHIONESS OF HEADFORD—Salmon, white tips.

MRS. CHRISTY—Sheel pink.

MY GOLD—Yellow.

ORANGE WONDER—Light tan and pink.

PEARL HARBOR—Gold; edged maroon.

PELARGONIUM—Cherry-red, tipped white.

PHAROAH—Orange, tipped scarlet.

PETER F. WHITE—White; fringed edge.

SENORITA—Tan with cerise.

WILL ROGERS—Deep red.

COREOPSIS—Perennial Calliopsis

Mayfield Giant—Large simple deep golden-yellow flowers. Clumps.

Each 30c; 3 for 75c; doz. \$2.50.

Sunburst—Light, graceful foliage, and large rich golden yellow, semi-double flowers. Fine for cutting in the summer. Clumps.

Each 30c; 3 for 75c; doz. \$2.50.

TREE DAHLIA

DAHLIA IMPERIALIS—A beautiful flowering plant growing 10 to 18 feet high, and covered in the fall with nodding single flowers of a lavender-pink color. Should be left undisturbed in the ground. Strong roots.

\$1.00 each (April delivery).

DIANTHUS—Hardy Pink

Beatrix Pink—Each 30c; 3 for 75c.

Rare Species Mixed—Each 30c; 3 for 75c.

DIMORPHOTHECA

Ecklonis—White flowers with blue disc.

30c each; 3 for 75c; doz. \$2.50.



Hallawell's Carnations

DIELYTRA—Bleeding Heart

Spectabilis—An old-fashioned favorite; heart-shaped pink flowers does well in the hardy border and especially valuable for planting in the shade.

75c each.

DIGITALIS—Foxglove

Thrives in half shade.

Giant Shirley Mixture—Spikes 3 to 4 feet long carrying flowers of giant size, ranging in color from white to dark rose. Large clumps.

Each 30c; 3 for 75c; doz. \$2.50.

DELPHINIUM—Perennial Larkspur PACIFIC GIANT STRAIN

A remarkably fine new hybrid type, producing stately spires on slender, wiry stems. A large proportion of the plants bear double florets which are 2½ inches or more across.

Hallawell's Select Mixture—

Each 35c; 3 for \$1.00; doz. \$3.00.



Chrysanthemum, Mawii

DORONICUM EXCELSUM

A hardy perennial with bright yellow flowers nearly as large as the Shasta Daisy. It blooms very early, for a long season and is invaluable for cutting. The leaves are close to the ground and the slender stems 2 feet or more in height. Clumps.

Each 40c; 3 for \$1.00; doz. \$3.50.

FELICIA—Agathe

Amelloides (Blue Marguerite)—

Each 30c; 3 for 75c; doz. \$2.50.

FERNS, HARDY

A shady position useless for the cultivation of other plants is easily transformed into a hardy fernery. Of easy culture especially if a liberal amount of leaf mold or peat is mixed with the soil. See them growing at our Nursery Gardens.

Medium Growing Varieties, Assorted—

Each 50c.

Woodwardia radicans (Chain Fern of California)—Tall, erect and much divided, bright-green fronds.

Each 85c.

GAILLARDIA

Portola Hybrids—Large flowers, rich crimson-bronze zoned with yellow at the tips.

Each 30c; 3 for 75c; doz. \$2.50.

GAZANIA

Splendens—Orange-yellow. From flats. Doz. 75c.

Longiscapa—Golden-yellow, drought-resistant. From flats. Doz. 75c.

GERBERA—Transvaal Daisy

Require a warm, sunny situation. Assorted colors, strong root divisions. April to July.

Single—35c each; 3 for \$1.00; doz. \$3.00.

Double—75c each.

GEUM—Avens

Lady Stratheden—Fine rich golden-yellow flowers.

Mrs. Bradshaw—Large double orange-scarlet flowers. Each 25c; 3 for 60c; doz. \$2.00.

HELIANTHEMUM—Sun Rose

Low spreading evergreen plants bearing dainty flowers which are usually single and resemble little roses. Excellent for a sunny rockery or in front of the border.

Correvon's Pink—Fine rose-pink.

Goldilocks—Lemon yellow.

Each of above, 35c; 3 for \$1.00; doz. \$3.00.



PERENNIAL FLOWERING PLANTS



Scabiosa caucasica

HELIOTROPE

A hardy plant, growing 4 to 8 feet high.

Black Beauty—Very deep blue. 85c each.

HEMEROCALLIS—Day Lily

Popular hardy plants belonging to the Lily family. They succeed everywhere and should be included in every border of old-fashioned hardy plants. The flowers are produced in spikes from six to a dozen blooms, opening in succession.

Flava (Yellow Day Lily)—Fragrant deep lemon-yellow flowers in June and July; 2½ to 3 feet.

Fulva (Tawny Day Lily)—Copper orange with darker shadings, June and July. 3 feet.

Kwanso Fl. Pl.—Double orange with darker shadings. July and August. 3 feet.

Each of above, 85c.

HOLLYHOCK

A hardy perennial of upright growth, 5 to 8 feet high.

Double Mixed—Each 30c; 3 for 75c; doz. \$2.50.

LAVANDULA—Sweet Lavender

Officinalis (L. vera)—An old-fashioned favorite with soft gray foliage, and fragrant lavender flowers on long stems. 85c each.

Pedunculata—Beautiful flowers; extra large. Each 85c.

LINUM—Flax

Flavum Compacta (Golden Flax)—Flowers golden yellow, free blooming, 1 foot tall.

Each 25c; 3 for 60c; doz. \$2.00.

LIPPIA REPENS

Used in place of grass for lawns. It does not require cutting and makes a fairly good substitute. Flat 14-24 inches. \$2.00.

Packed for express, \$2.50.

MARGUERITE

(Protect from frost until established.)

A half-hardy perennial shrub in bloom all year round and requiring very little water.

White or Yellow—Each 35c; 3 for \$1.00.

MERTENSIA—Virginia Blue Bells

Virginica—Spring flowering, growing about 1 to 1½ feet high, with blue, funnel-formed flowers in clusters. In bloom from April to June; requires a partially shaded position and moist soil. Each 40c; 3 for \$1.00.

MESEMBRYANTHEMUM—Ice Plant

(Protect from frost until established.)

These are much used for planting in rockeries and on embankments where there is a scarcity of water.

Magic Carpet Varieties:

Aureum—Shrubby with large bright orange flowers. Doz. 75c.

Floribundum—Small lavender-pink flowers with very narrow foliage. The most popular variety for covering banks. Doz. 75c.

Ruby Queen—Medium size flower, bright ruby red. Doz. 75c.

Light Pink—A large flowered creeping variety. Doz. 75c.

Spectabile—Large bright, rose-colored flowers with coarse foliage. Trailing habit; suitable for banks. Doz. 75c.

Brownii—A narrow leaved variety growing 1 foot high or more; flowers orange changing to various shades of rose. Suitable for the rock garden and dry situations.

Each 25c; 3 for 60c; doz. \$2.00.

NEPETA MUSSINI

A dwarf compact hardy perennial, producing light blue flowers from May to September. Makes a fine permanent edging and an excellent rock plant; 10 inches high.

Each 30c; 3 for 75c; doz. \$2.50.

NIEREMBERGIA

Purple Robe—35c each; 3 for \$1.00; doz. \$3.00.

PANSY, GIANTS

The finest giant flowered strain. Young plants from flats. Doz. 50c; flat, \$2.00.

Packed for express, \$2.50 per flat.

PENTSTEMON

A hardy perennial growing 2 feet high, sending up spikes of bright colored and spotted flowers similar to the foxglove in shape.

Blue Gem—30c each; 3 for 75c.

Mixed Colors—Field grown plants. Each 30c; 3 for 75c; doz. \$2.50.

PLUMBAGO LARPENTAE

An excellent rock plant for fall bloom. Flowers intense deep Plumbago-blue. Thrives in sun or light shade. Each 40c; 3 for \$1.00.

POPPY, ICELAND—Papaver nudicle

The plant is of neat habit, forming a tuft of bright green fern-like foliage, and a profusion of cup-shaped flowers on slender stems 1 foot high.

Mixed Colors—Each 25c; 3 for 60c; doz. \$1.75.



Hallawell's Violets



Shasta Daisy, Esther Reed

PYRETHRUM ROSEUM

Improved Single Hybrids—A hardy perennial bearing large daisy-like flowers with bright yellow centers; blooms in May and June and again in the fall. Clumps.

Each 30c; 3 for 75c; doz. \$2.50.

SALVIA—Sage

Farinacea "Blue Bedder"—Beautiful in small flower arrangements. Deep blue.

Each 30c; 3 for 75c; doz. \$2.50.

Patens (Blue Sage)—A tender tuberous rooted plant for the border, 2 feet high. Flowers are rich blue. Each 30c; 3 for 75c; doz. \$2.50.

SAPONARIA OCYMOIDES—Soapwort

Small dark leaves set off the rosy flowers to good advantage. A trailing plant indispensable to the rock garden.

Each 25c; 3 for 60c doz. \$2.00.

SAXIFRAGA

Crassifolia—Rosy lilac flowers in dense panicles standing well above the smooth, shining leaves. About 20 inches high.

Each 40c; 3 for \$1.00; doz. \$3.50.

SCABIOSA—Pincushion Flower

Caucasica (Blue Bonnet)—One of the handsomest of hardy perennials. Large pale blue flowers on long stems; fine for cutting.

Each 30c; 3 for 75c; doz. \$2.50.

Columbaria—Orchid-pink.

Each 30c; 3 for 75c; doz. \$2.50.

House's Hybrids—Shades of lavender and blue. Each 40c; 3 for \$1.00; doz. \$3.50.

SHASTA DAISY—Chrysanthemum maximum

Alaska—The single flowers are white with yellow center, and borne on long stiff stems. Clumps. Each 25c; 3 for 60c; doz. \$2.00.

Esther Reed—Double white.

Each 60c; 3 for \$1.50.

Fringed—A new semi-double sort with many narrow petals; fine for cutting. Clumps.

Each 30c; 3 for 75c; doz. \$2.50.

PERENNIAL BEDDING PLANTS

We stock many varieties of perennial bedding plants in flats in season. Visit our nursery any time and you will find a good assortment of seasonable stock. Many things in bloom in the gardens, too.

PERENNIAL FLOWERING PLANTS

STATICE—Sea Lavender

(Protect from frost until established.)

Perezii—Has large spreading panicles of deep lavender flowers and large leathery leaves at base of the plant. Much used for window boxes. Small plants, 30c each; 3 for 75c; doz., \$2.50; Larger sizes, 75c each.

SWEET WILLIAM—*Dianthus barbatus*

Single Mixed—Each 25c; 3 for 60c; doz. \$2.00.

THYMUS—Thyme

The Mountain Thymes make a perfect close, fragrant carpet and are a mass of bloom in June and July. Fine for rockwork.

Serpyllum Album (White Mountain Thyme)—Dark green foliage and white flowers.

Serpyllum Coccineus—Dark green foliage and crimson flowers. 25c each; 3 for 60c; doz. \$2.00.

TRITOMA—Red Hot Poker

Hardy plants with large and broad grassy leaves at the base; the dense spikes of brilliant flowers are borne on long stiff stems during the summer months.

Pfitzeri (*Kniphofia uvaria* var.)—An improved form. Red. Each 35c; 3 for \$1.00; doz. \$3.00.

HERB PLANTS, PERENNIAL

The following: 30c each; 3 for 75c; \$2.50 doz.

Catnip—Sweet medicinal herb.

Mint—For seasoning and flavoring.

Peppermint—For seasoning and flavoring.

Rosemary—Leaves used for seasoning.

Sage—Leaves used for seasoning; excellent bee food.

Savory, Winter—Aromatic sweet herb; leaves used for seasoning.

Sweet Marjoram—Leaves may be used either green or dried.

Thyme—For seasoning.

VIOLETS—*Viola odorata*

In sections where the summers are cool, violets flower best in sunny situations; in warmer sections, half-shade or protection from the noonday sun is beneficial.

Marie Louise—The so-called Parma Violet. Has large double flowers that are rich mauve in color. A slight touch of white in the center.

Each 35c; 3 for \$1.00.



Pelargonium, Martha Washington

PELARGONIUMS

GERANIUM TYPE

Plants 60c Each

GERANIUMS

BERKELEY SCARLET—Double, large deep scarlet.

CALIFORNIA—Single, carmine rose.

CARMEL—Single, white, edged rose.

DOUBLE WHITE—Large flowered.

EMIL ZOLA—Single, large flowered apricot.

GERTRUDE PEARSON—Single, deep pink, white eye.

HONEYMOON—Single, light pink, flushed apricot near center.

MME. KOVALESKY—Orange.

NUIT POITEVINE—Single, crimson, large trusses.

POINSETTIA—Miniature red.

SINGLE WHITE—Pure white.

STARS AND STRIPES—Small double white, red stripes.

IVY GERANIUMS

CHAS. MONSELET—Double cerise-rose.

CHAS. UHLEN—Double cerise with lighter center.

CHAS. TURNER—Deep rose-pink.

COMTESSE DE GRAY—Salmon-pink.

DOUBLE WHITE—Pure white.

DEEP PURPLE—Double.

JOSEPH WARREN—Double rosy violet.

WILLY—Bright scarlet.

MAIL ORDERS—Mail orders for pelargonium will be accepted subject to wartime conditions. If for any reason shipment cannot be made, the money will be refunded.

PACKING CHARGE—Send 25c for handling charge on pelargonium orders under \$2.00. On orders amounting to more than \$2.00 for pelargoniums, add 20% of the amount of the order for packing. They will be sent express collect.

PELARGONIUMS

MARTHA WASHINGTON TYPE

Plants 60c Each.

AMANDA—Scarlet, black-blotched.

AMERICA—Reddish scarlet, blotched black, large.

ANDENKIN—Reddish scarlet, center white, blotched, ruffled.

BEVERLY HILLS—Amaranth pink; early bloomer.

CARMINE QUEEN—Bright carmine with slight violet lustre.

CASCADE—Lavender, upper petals dark.

CRIMSON GLORY—Crimson, small blotches.

CYRIL WARREN—Brilliant rose, upper petals orange-salmon, ruffled.

DARK MABEL—Maroon to crimson to rose-pink.

ERNEST STUDERUS—Pale salmon, upper petals deeper, dark veins.

ETHELYN—Rich salmon-rose, pansy type.

EDITH NORTH—Salmon-pink; dark brown blotches.

EMPRESS OF RUSSIA—Deep purple, white border.

FAISS TRIUMPH—Rose-pink, brown blotch; frilled.

FAISS ORCHID—Orchid, brown blotch; frilled.

FIESTA—Interesting shade of pink.

GROSSMAMA FISHER—Salmon; blotched; ruffled.

GARDENER'S JOY—White; brown blotches.

HAILLE SELASSIE—Royal Purple, blotched darker.

IDA HENLY—Velvety maroon, margined rose.

JOYCE—Velvety crimson; maroon; white throat.

JOYCE WHITE EDGED—Velvety crimson.

JOAN FONTAINE BLACK—Glowing crimson, very dark.

LUMINOSA—Pink, suffused salmon, upper petals blotched, ruffled.

MACKENSEN—Rose-pink; crimson and orange mark.

MARIE ROBER—Very dark purple.

MARIE VOGEL—Red, flushed salmon.

MRS. MARY BARD—White; purple stripes.

NEUEIT FAISS—Silvery violet, black blotch.

OUR FRANCIS—Rose-pink, crimson blotch, waved.

PICKANNINY—Crimson, blotched and veined.

PRIDE OF QUADLENBURG—Light to dark salmon.

SALMON SPRINGTIME—Salmon-rose; striped.

SPRINGTIME—Pink; white throat and border.

SUE JARRETT—Pink to salmon; dark blotched.

SHASTA—Ruffled white.

TRUE SANGUINIA—

VERA N. WATT—Rose-pink; red spots.

WOLFGANG GOETHE—Deep red to dark purple.

ZANOBIA—Orange-red, crimson stripes, waved.



HALLAWELL'S TREE ROSES

These lovely roses lend dignity and formality to your garden. They produce large heads high on a standard and the quality of flower and stem is often better than the same variety in bush form. You may plant tree roses and bush roses together for the tree roses occupy very little ground space, and the two types, interspersed, are very effective.

Hallawell's Tree Roses bloom the first spring, soon after planting and they continue to bloom until very late in the Fall. Cutting the blooms with long stems stimulate strong new growth.

SHIPPING TREE ROSES:

Due to a shortage of packing materials we cannot accept shipping orders for Tree Roses this year.
PRICES: \$3.75 each; 6 for \$21.00.

CHARLOTTE ARMSTRONG—All America red rose for 1941.

CHRISTOPHER STONE—Vivid scarlet; long pointed bud.

COUNTESS VANDAL—Lovely pink; long pointed buds.

DICKSON'S RED—Rich crimson scarlet.

ECLIPSE—Finest golden yellow.

ETOILE DE HOLLANDE—Velvety-red. One of the grandest roses.

HEART'S DESIRE—All America red rose for 1942.

J. OTTO THILOW—Glowing rose-pink buds.

MARY MARGARET McBRIDE—Brilliant coral-pink buds.

McGREDY'S IVORY—Long pointed white buds.

MRS. SAM McGREDY—Combination of red, copper and orange.

MRS. PIERRE S. DUPONT—Deep golden yellow.

MRS. HENRI GUILLOT—Orange, opening to rich pink.

PEARL S. BUCK—Orange buds opening to golden yellow.

PICTURE—Velvety rose-pink; salmon undertone.

PINOCCHIO (Floribunda) — Gay salmon-pink; blooms in clusters.

SATURNIA—Brilliant cardinal-red, reverse salmon.

SIGNORA—Bright scarlet-orange, beautiful bud.

TALISMAN—Varying shades of orange and yellow.

THE DOCTOR—Rich, silvery-pink. A magnificent rose.

HALLAWELL'S CALIFORNIA ROSES

The Finest Modern Varieties

Visit Hallawell's Blue Glass Nursery Garden Center and see the fine quality of these roses. They are all 2-year-old No. 1 plants, with large tops and a good root system. They will have large perfect flowers the first spring—within a few months after you plant them. These fine roses will make your garden a place of beauty and fragrance. They require only a minimum of care for they are strong healthy plants when you get them.

BUSH ROSES

ANGELS MATEU—A distinctive new color described as brilliant orange-rose. The blooms are large, fully double and fragrant. The plant has a strong, upright growth, is well foliaged and a prolific bloomer. Patented. \$1.00 each; 3 for \$2.50.

AUTUMN—A most unusual color combination of deep burnt orange and pink streaked with red. Moderately fragrant and very lasting. The bush is a strong upright grower with thick, glossy foliage. 85c each.



CALIFORNIA—A glorious shade of ruddy orange, tinted saffron yellow, with an overlay of Saturn-rose on the reverse. Long, pointed buds and enormous flowers; vigorous growth, and glossy foliage. Patent rights reserved. \$1.50 each; 3 for \$3.75.

CECILE BRUNNER—The well-known "Baby Rose." Miniature flowers of rosy pink shaded with salmon. Almost always in bloom; strong grower. 85c each.

CHARLES P. KILHAM—A remarkably fine flower of Mme. Edouard Herriot type, with many more petals and an even more brilliant coloring of coral-red and orange on long straight stems. It is a strong grower with a prolific blooming habit. 85c each.



CHARLOTTE ARMSTRONG—The All-America Rose for 1941. The long, slender buds are blood-red, and the brilliant open flowers spectrum-red in cool weather, Cerise in hot weather. Patented. \$1.25 each; 3 for \$3.15.

CHRISTOPHER STONE—From all sections come glowing reports of this outstanding new red rose. A long, pointed bud opening to a large double flower of vivid scarlet. Free blooming and fragrant. Upright in growth with bronzy green foliage. \$1.00 each; 3 for \$2.50.

COUNTESS VANDAL—A lovely pink rose. Its long pointed buds, distinctive shadings of coppery bronze suffused with soft gold, and fine form, provide a continuous unfoldment of new beauty during its long life. Patented.

\$1.00 each; 3 for \$2.50.



DICKSON'S RED—The richness of its fragrance and ripe warmth of its crimson-scarlet color, will endear this variety to lovers of red roses. The rich deep color does not fade in the hottest sunshine. Blooms are borne singly on long stems for cutting. Patented.

\$1.25 each; 3 for \$3.15.

DOUGLAS MacARTHUR—New 1944 introduction. Streamlined buds of rose, gold and salmon, beautifully blended into a superb color combination. A strong grower, generous in bloom and with abundant foliage. (See color illustration on page 58.)

\$1.50 each; 3 for \$3.75.

DUCHESS OF ATHOLL—One of the most outstanding of the newer varieties. Full, double flowers on heavy stems in a very rich shade of golden bronze flushed orange. A continuous bloomer and vigorous grower. 85c each.

DUQUESA DE PENARANDA—This grand rose produces long pointed buds of apricot, orange and dark pink. Curiously in the Fall the flowers are of a cinnamon peach color. A continuous bloomer. 85c each.

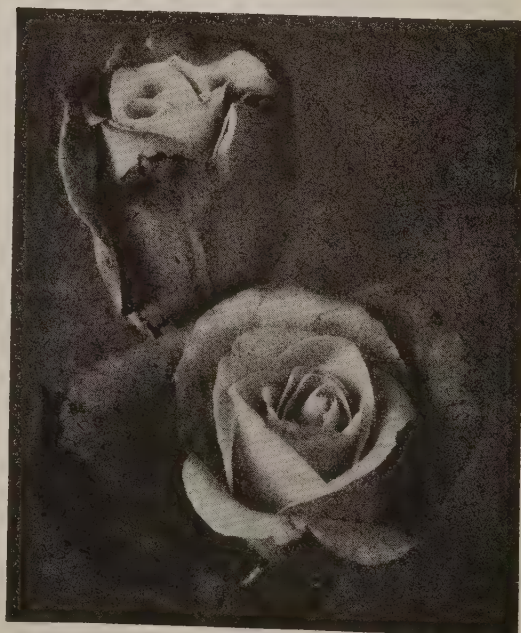
ECLIPSE—Esteemed for its artistic, golden yellow buds, the beauty of which is further enhanced by the long irregular shaped, bright green sepals. A vigorous bush and good stems. Patented.

\$1.25 each; 3 for \$3.15.

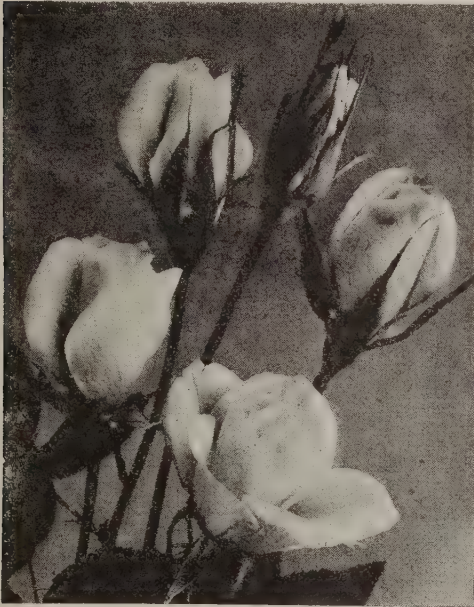
E. G. HILL—Immense flowers of a dazzling scarlet, shading to a deeper red as they develop; the fragrant flowers are borne on long stems. 85c each.

ETERNAL YOUTH—The perfectly formed buds are beautiful, clear soft pink, with a touch of salmon-yellow at the base of each petal. Most beautiful in the half-open stage, retaining the lovely rich pink color. Spicily fragrant. Patented.

\$1.25 each; 3 for \$3.15.



Golden Gleam



Eclipse
(Plant Patent No. 172)

ETOILE DE HOLLANDE—Brilliant red blooms of magnificent size; perfect in half-open state, and holds its color. One of the most fragrant roses. 85c each.

FEDERICO CASAS—Richly colored buds of reddish orange which open to semi-double flowers of coppery pink with an intense yellow center. Somewhat like Talisman but a stronger grower. More highly colored than Talisman but not quite so double. 85c each.

GENERAL MacARTHUR—Bright scarlet-red, large and full; buds of an ideal shape, carried on strong stalks; sweetly scented; vigorous grower and free bloomer. 85c each.

GOLDEN EMBLEM—Flowers are large and of perfect shape. The long golden yellow buds are tinted with crimson on the outer petals and open to a full golden yellow flower. 85c each.

GOLDEN GLEAM—A rich yellow rose with a bit of crimson on the outside petals in bud form. Opens to a full golden-yellow, has good stems, and a symmetrical habit of growth with glossy green foliage. \$1.00 each; 3 for \$2.50.

HADLEY—Though there are many fine red roses, Hadley remains a favorite. Its brilliant rich red buds open to full fragrant blooms on good stems. 85c each.



HEART'S DESIRE—The All-America selection for 1942. Exquisite, slender buds of deep red, opening to a semi-double flower of deep velvety red, which does not fade. It has a true, old-time rose fragrance. \$1.50 each; 3 for \$3.75.

HECTOR DEANE—A radiant new Irish introduction of exceptional fragrance. It is crimson in bud, with a suggestion of orange, and as the flower opens the orange diffuses, leaving a circle of yellow in the center. Patented. \$1.25 each; 3 for \$3.15.

HINRICH GAEDE—This is a very desirable rose. The color is rosy copper, or copper orange. The buds are very large and are usually born singly on long, strong stems. \$1.00 each; 3 for \$2.50.

HOOSIER BEAUTY—One of the best red roses, of rich crimson color which does not fade. Richly fragrant; a good bloomer. 85c each.

J. OTTO THILOW—Exquisite, perfectly formed, glowing rose-pink buds, opening to full, long-lasting blooms. Strong stems, and attractive leathery foliage. 85c each.

LADY MANDEVILLE—Warm, rich yellow with a suffusion of amber. A strong grower and disease-resistant. The large, full, fragrant flowers hold their form well. Patented. \$1.50 each; 3 for \$3.75.

LADY MARGARET STEWART—Copper-orange buds opening to a bright golden-yellow. A charming rose. \$1.00 each; 3 for \$2.50.

LOS ANGELES—A vigorous grower and continuous bloomer, producing long stemmed fragrant flowers of brilliant flame-pink shading to coral and gold at the base of the petals; buds long and pointed. 85c each.

MANDALAY—A lovely exhibition garden rose. The long pointed buds unfold into large high centered blooms of clear gold which remains bright throughout the life of the flower. Here is an outstanding rose that will be the pride of your garden. Patented. \$2.00 each; 3 for \$5.00.



MARY MARGARET McBRIDE—This grand new rose has perfect form with large double blooms, high centered as they open from brilliant coral pink buds. Fully open, the exquisite blooms are suffused with shimmering gold at the base of the petals and as they age the color lightens to a lovely soft pink. Fragrant. Patented. \$1.50 each; 3 for \$3.75.



Countess Vandal
(Plant Patent No. 38)

McGREDY'S SALMON—The delightfully fragrant flowers are a beautiful shade of apricot-pink. Patented. \$1.50 each; 3 for \$3.75.

McGREDY'S SUNSET—As glorious as a summer sunset. The petals are a clear buttercup yellow, tipped orange on the outside, chrome-yellow flushed with scarlet on the inside. As the bloom expands the color is intensified, and is at its best when fully opened. Flowers are of medium size, full and shapely, and for a while the petals remain symmetrically curly like a camellia. Sun-resistant and excellent in hot weather. Patented. \$1.25 each; 3 for \$3.15.

MME. BUTTERFLY—The finest rose of the Ophelia type. Bright light pink, shaded with gold. 85c each.



MME. CHIANG KAI-SHEK—1943 All-America winner. When the final count was taken it was found that the All-American jury of judges awarded this lovely yellow rose place of honor for 1943. Its magnificent form in bud and bloom, its fragrance and foliage make it an outstanding yellow rose. Each \$2.00.

MME. HENRI GUILLOT—A distinctive and sensational variety. Beautifully formed buds, reddish orange with undertone of gold, opening to rich, deep pink flowers of camellia-like form. Vigorous, symmetrical plants, and glossy like green foliage. Patented. \$1.25 each; 3 for \$3.75.

MRS. PIERRE S. DUPONT—Fragrant flower of deep golden yellow; among the very best yellow roses. Fine bud, strong growing plant, and attractive disease-resistant foliage. \$1.00 each; 3 for \$2.50.

MRS. SAM McGREDY—Buds are large and long pointed; the open flowers are double, moderately fragrant and very lasting. The color is a wonderful combination of red, copper and orange, changing to warm pink with gold suffusion as the flower matures. \$1.00 each; 3 for \$2.50.

NEIGE PARFUM—Voted the most fragrant rose in our trial garden this season. A delightful perfume which lasts indefinitely after cutting. In early bud it is white changing to cream, then to lemon as the bud unfolds. Patented. \$1.50 each; 3 for \$3.75.

PAN AMERICA—A leader among new roses for 1943. The long ovoid buds are orange red which unfold to a deep orange inside. These rich hues diffuse into beautiful tawny yellow with outside petals a dark shade of gold. Patented. Each \$1.50; 3 for \$3.75.

PEARL S. BUCK—Pointed, orange buds opening to a deep golden yellow, with a tinge of apricot. Delightfully fragrant. Patented. \$1.50 each; 3 for \$3.75.

PICTURE—Medium sized, fragrant and perfectly formed flowers of velvety rose-pink with a salmon undertone. As the flower opens the center retains a bud-like form, while the outer petals reflex beautifully. \$1.00 each; 3 for \$2.50.

PRESIDENT HOOVER—A charming combination of cerise-pink, flame, scarlet and yellow. The buds are pointed and the flowers large, composed of broad, heavy petals with an exquisite fragrance. 85c each.

RAMON BACH—Vigorous-growing, healthy plants, producing immense apricot-buff blooms singly on straight wiry stems. Good for cutting. Fragrant. Patented. \$1.00 each; 3 for \$2.50.

ROSE D'OR—A charming deep yellow rose which holds its color until the petals are ready to fall. The buds are long, pointed with long neck and graceful sepals. Hardy, vigorous and disease-resistant. Patented. \$1.50 each; 3 for \$3.75.

ROUGE MALLERIN—A magnificent bud of brilliant red, opening to a full double glowing scarlet. The plant is vigorous and upright, with bronze young foliage and strong stems. \$1.00 each; 3 for \$2.50.

SATURNIA—Brilliant cardinal-red, with the reverse of the petals salmon and copper. Distinctive and striking. Patented. \$1.00 each; 3 for \$2.50.

SIGNORA—A bright scarlet-orange with shadings of tangerine and cerise and a gold yellow base in brilliant contrast. Very attractive in bud or open bloom; has strong stem and keeps well when cut. Patented. \$1.25 each; 3 for \$3.15.



Niege Parfum



White Briarcliff

SONATA—A flamboyant red in Spring and Fall; in Summer the colors lighten to tones of deep pink. In lovely contrast the outside of the petals is several shades darker. The large flowers are perfectly shaped, opening gradually from long-pointed buds of cochineal-red. The foliage is abundant and a lovely dark green. Fragrant. Patented.

\$1.50 each; 3 for \$3.75.

SOUTHPORT—Long pointed vivid scarlet buds opening to semi-double and holding its color well in the full bloom. The plant is strong, upright and blooms freely. It is an exceptional rose. 85c each.

TALISMAN—A vividly colored rose, being a mixture of orange and yellow in irregular proportions, varying so much that no two flowers are alike.

85c each.

TEXAS CENTENNIAL—This very popular carmine-red rose is a sport of President Hoover. Has all the good qualities of Hoover, with better foliage. Large, full buds and blossoms, and fine in all sections. Patented.

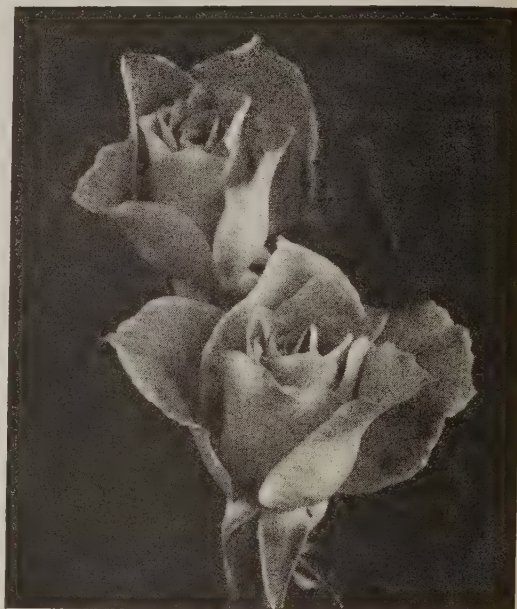
\$1.00 each; 3 for \$2.50.

THE DOCTOR—A magnificent new rose. The long buds open into enormous, intensely fragrant blooms of rich silvery pink. Of moderate growth; choose a situation apart from large plants.

\$1.00 each; 3 for \$2.50.

WHITE BRIARCLIFF—The originator states that this is the only pure white Hybrid Tea Rose. Fine form and a good producer. Patented.

\$1.25 each; 3 or more, \$1.05 each.



Talisman

HALLAWELL'S CLIMBING ROSES

2-Year-Old No. 1 California Grown

DUCHESS OF ATHOLL, CLIMBER—A rich shade of golden bronze flushed orange. An outstanding variety.

85c each.

ETOILE DE HOLLANDE, CLIMBER—The climbing form of this very popular rose. Large, brilliant red blooms.

85c each.

GOLDEN EMBLEM, CLIMBER—A rampant climber with enormous heavy canes, producing quantities of double golden flowers.

\$1.00 each; 3 for \$2.50.

HADLEY, CLIMBER—A vigorous climber with deep crimson, fragrant blossoms which are produced all through the summer.

85c each.

HOOSIER BEAUTY, CLIMBER—Of strong vigorous habit, bearing beautiful long buds of an intense rich, dazzling crimson-scarlet.

85c each.

INDIAN SUMMER—Wonderful shades of copper, old rose, pink, and old gold. Well formed buds open to crinkled and ruffled flowers. A long season bloomer. Fragrant. Patented.

\$1.25 each; 3 for \$3.15.

MERMAID, CLIMBER—Beautiful single flowers of great size; pure ivory white with a lemon center; fragrant. The foliage is a deep shiny green; disease resistant. A very vigorous grower and profuse bloomer.

\$1.00 each; 3 for \$2.50.

MME. BUTTERFLY, CLIMBER—Bright pink.

85c each.

MRS. SAM MCGREDY, CLIMBER—Long pointed buds opening into double, long lasting flowers. The color is a wonderful combination of red, copper, and orange, changing to warm pink with gold suffusion. Patented.

\$1.00 each; 3 for \$2.50.

PAUL'S LEMON PILLAR—White. In bud it is pale lemon opening to faint sulphur yellow flowers which are large double and fragrant.

\$1.00 each; 3 for \$2.50.

PAUL'S SCARLET CLIMBER (Improved)—The flowers are a vivid scarlet, of good size and semi-double, very freely produced in clusters on much branched canes. It is of strong climbing habit and perfectly hardy.

\$1.00 each; 3 for \$2.50.

PRESIDENT HOOVER, CLIMBER—A rampant climbing form of the popular bush rose. Identical in color and form of bloom.

85c each.

REVEIL DIJONNAIS, CLIMBER—A spectacular climbing rose. A golden yellow bud striped with red, opening to a large semi-double flower of bright red with golden yellow center. Usually blooms in clusters of three. Glossy bronze-green foliage.

\$1.00 each; 3 for \$2.50.

SUMMER SNOW CLIMBER—A marvelous white climbing rose that wins instant admiration wherever used. Myriads of pure white loosely double flowers 2 inches across are set off with large yellow stamens. They are borne in large clusters producing mountains of white which almost completely cover the spreading plant. For a striking effect, plant it with Blaze, or Paul's Scarlet.

\$1.50 each; 3 for \$3.75.

TALISMAN, CLIMBER—Flowers are the same wonderful color and lovely form as the bush variety; a very free bloomer.

85c each.

YELLOW CECILE BRUNNER, CLIMBER—Golden yellow with orange center; double and fragrant.

85c each.

SINGLE BUSH ROSES

DAINTY BESS—Medium sized single flowers borne in clusters of three. Delicate pink in color with a contrasting center of wine-red stamens. A strong tall grower and profuse bloomer.

85c each.

ISOBEL—A single rose with exquisitely pointed buds and flowers with huge petals flushed with carmine-red and orange, becoming pink with age; fragrant. Very vigorous and floriferous.

85c each.

IRISH FIREFLAME—A large single rose; buds are a rich deep orange, flushed with crimson opening to an old gold color. Strong growth and profuse bloom.

85c each.



ROSA ROULETTI (Pot Rose)—Said to be the smallest rose grown. The tiny rose-pink buds are perfect in form and the plants are little gems in pots.

75c each.



Reveil Dijonnais (Climber)

BELLE OF PORTUGAL, CLIMBER—Large flowers of a delicate soft pink tinged with salmon. Because of its strong growth it does not bloom for a year or two, but thereafter produces a mass of bloom in May and June.

\$1.00 each; 3 for \$2.50.

BLAZE, CLIMBER—A new everblooming scarlet climber, sometimes called the everblooming Paul's Scarlet. Flowers and growth same as Paul's Scarlet. The originators claim it to be a free continuous bloomer. Patented.

\$1.25 each; 3 for \$3.15.

CECILE BRUNNER, CLIMBER—A very rampant grower. The small flowers are salmon-pink shading deeper toward the center and come in clusters; free bloomer.

\$1.00 each; 3 for \$2.50.

COUNTESS VANDAL CLIMBER—Coppery-bronze suffused with soft gold.

\$1.00 each; 3 for \$2.50.

DAINTY BESS, CLIMBER—This dainty, single amber-pink rose produces hundreds of blooms and continues blooming throughout the season.

85c each.

HALLAWELL SEED CO.

CALIFORNIA SEEDSMEN

256 MARKET STREET

SAN FRANCISCO 11, CALIFORNIA

Please Send The Following Order To:

Name _____

Date _____

R. D. or St. _____

Amount _____

Post Office _____

Enclosed _____

State _____

--

Quantity

PLEASE WRITE ONE ITEM ON EACH LINE

Price

THIS FLAP IS GUMMED, READY TO SEAL
NO ENVELOPE NECESSARY

FOLD, SEAL AND STAMP
STANLEY WESSEL & COMPANY, CHICAGO 75272

IMPORTANT—California Customers include 2½% sales tax.

Flower and vegetable seeds are sent post paid anywhere within the U. S. A. except where otherwise noted in this Catalog.

NON-WARRANTY—While the greatest care is exercised to have all seeds and plants of good quality and true-to-name, the Hallawell Seed Company gives no warranty, express or implied, as to the description, purity, productiveness, or any other matter of any seeds, bulbs, or plants they send out, and will be in no way responsible for the crop.

FOLD ON THIS LINE

USE
LETTER
POSTAGE
HERE

HALLAWELL SEED CO.

256 MARKET ST.

SAN FRANCISCO 11,

CALIFORNIA

Mail Order
RUSH

FOLD ON THIS LINE

IMPORTANT

If there is not sufficient space for your order on one blank, please use both of them. Others will be sent with your order.

FROM _____
STREET _____
TOWN _____
STATE _____

FOLD ON THIS LINE

CALIFORNIA WILD FLOWERS

Broadcast California Wild Flowers or the Colorfull California Poppy on the vacant lots in your neighborhood or on the hillslides in your vicinity. Include the seeds in this order now.

FLORIBUNDA ROSES

— a new and extremely hardy race of Roses

To meet the need for a hardy, rugged, easy-to-grow species of rose which will persist in abundant bloom for a long season we call your attention to the Floribundas. Semi-double blooms are produced in large clusters and the heavy massing of their colors afford a striking and permanent effect from spring to late fall. They are ideal for planting in group of 3 or more in beds or borders. Floribundas are becoming increasingly popular and merit an important place in any garden where all season color is desired.

CARILLON (Floribunda) — This outstanding Floribunda has a special destiny in the gardens of a war-troubled world, where every possible note of cheer is needed. Most generous in bloom, the graceful semi-double flowers are large and fragrant. Its color is a combination of flame and coral hues.

\$1.25 each; 3 for \$3.15; 12 for \$12.50.

CHEER (Floribunda)—Both the blooms and plant are similar to the sensational World's Fair but in a clear deep rose pink. Cheer makes a flashy show of color when planted in groups of three or more.

\$1.25 each; 3 for \$3.15; 12 for \$12.50.



PEARL S. BUCK—\$1.50 each; 3 for \$3.75.
(Plant Patent No. 423)

SUMMER SNOW (Floribunda)—Beautiful clusters of pure white flowers, clean as the falling snow. It is the most prolific bloomer of the white floribundas.

\$1.00 each; 3 for \$2.50; 12 for \$10.00.

ROSE ELFE (Floribunda)—Silvery rose-pink blooms 2½ inches across. In form it resembles a miniature gardenia. Known as "Delight" by florists. \$1.00 each; 3 for \$2.50; 12 for \$10.00.

HOLSTEIN (Floribunda)
—The sensational Holstein with its immense flower heads provides a continuous carpet of striking red. Flowers about 4 inches across with 6 petals of dark brilliant red accentuated by a cheerful white eye. \$1.00 each; 3 for \$2.50; 12 for \$10.00.

SONATA
—\$1.50 each; 3 for \$3.75.
(Plant Patent applied for)

MARY MARGARET McBRIDE
—\$1.50 each; 3 for \$3.75.
(Plant Patent No. 537)



COPYRIGHT

PINOCCHIO—\$1.25 each; 3 for \$3.15.
(Plant Patent No. 484)

PINOCCHIO (Floribunda)—The gay salmon-pink blooms are in large clusters on bushy plants about 2 feet high and in such profusion that at times there is little foliage to be seen. It blooms continuously for a long season and is very effective when planted in groups of 3 or used as hedges for borders.

\$1.25 each; 3 for \$3.15.



WORLD'S FAIR (Floribunda)—The outstanding floribunda with double Hybrid-Tea size flowers. Large clusters of velvety rich scarlet flowers almost hide the luxuriant foliage. It is exceptionally hardy and thrives in most any climate.

\$1.00 each; 3 for \$2.50; 12 for \$10.00.



COPYRIGHT





DOUGLAS MacARTHUR—New 1944 Introduction.
\$1.50 each; 3 for \$3.75.
(Plant Patent Applied for.)



ALL-AMERICA ROSE SELECTIONS is a group of commercial rose hybridizers, growers and dealers who have organized for the purpose of selecting the outstanding rose originated each year in the United States as well as in Europe. New originations are thoroughly tested in fourteen independent test gardens maintained throughout the United States. Competent judges compile scores on the roses tested and it is from these scores that the AARS varieties are selected. Roses marked with the above insignia are roses that have received the highest score of all roses tested in the official test gardens.



HEART'S DESIRE—All-America Selection.
\$1.50 each; 3 for \$3.75.
(Plant Patent No. 501.)



MME CHIANG KAI-SHEK—All-America Selection.
\$2.00 each; 3 for \$5.00.
(Plant Patent Applied for.)



CHARLOTTE—ARMSTRONG—All-America Selection.
\$1.25 each; 3 for \$3.15.
(Plant Patent No. 455.)



PICTURE—\$1.00 each; 3 for \$2.50.



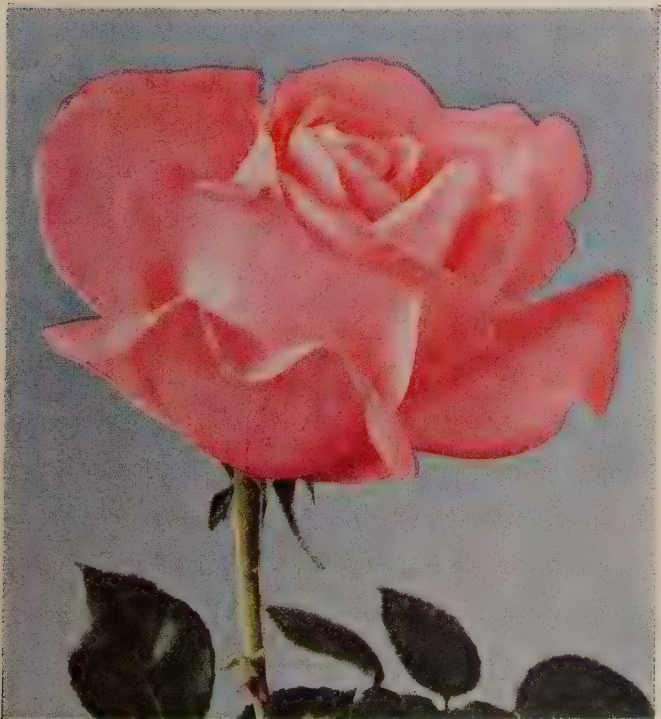
DICKSON'S RED—\$1.25 each; 3 for \$3.15.
(Plant Patent No. 376.)



HINRICH GAEDE—\$1.00 each; 3 for \$2.50.

ROSES IN BLOOM

You are invited to visit our Blue Glass Nursery Gardens where you will find hundreds of varieties of roses and other flowers blooming in season—all labeled for your convenience. From February to June, particularly, the Gardens are a blaze of color.



THE DOCTOR—\$1.00 each; 3 for \$2.50.



SATURNIA—\$1.00 each; 3 for \$2.50.
(Plant Patent No. 349)



J. S. BACH

Complete Gladiolus Collection

Two Bulbs Each of the 21 named Gladiolus listed at right, each variety labeled separately.

Total of 42 bulbs for.....\$3.00

2 Collections for.....\$5.70

Hallawell's GLADIOLUS

The culture of the Gladiolus is one of the easiest. Set the bulbs about 4 inches deep and 6 to 7 inches apart each way. Any good garden soil will make strong plants and good bloom, but for the finest results use manure and plenty of water. After the flowers are past, dig the bulbs up and dry them under cover in the open air for a month and then store in a dry soil till next winter, when they may be reset. From December to April are the months in which to plant Gladiolus.

SELECTION OF THE FINEST VARIETIES

Six of a kind at the dozen rate; 50 at the hundred rate.

- | | |
|---|-----------------------------|
| ALADDIN. A very large ruffled flower; deep salmon color. | 75c per 12; \$5.00 per 100. |
| AVE MARIA. Perfectly formed, exquisite light blue flowers. | 75c per 12; \$5.00 per 100. |
| BAGDAD. A charming Gladiolus of smoky old-rose. The throat is lighter and color deepens toward the edge of petals. | 75c per 12; \$5.00 per 100. |
| BEACON. Bright salmon-red with cream throat. Grows very tall bearing huge spikes. Be sure to stake. | 75c per 12; \$5.00 per 100. |
| BETTY NUTHALL. Glowing orange-pink with light yellow throat. Strong grower, good spike and perfect placement. | 60c per 12; \$4.00 per 100. |
| COMMANDER KOEHL. Rich, deep scarlet-red with no markings or blotches. Wide open flowers on tall spikes. | 75c per 12; \$5.00 per 100. |
| GATE OF HEAVEN. A new ruffled variety with large, bold flowers of a rich yellow shade. | 75c per 12; \$5.00 per 100. |
| J. S. BACH. Salmon red shading lighter in the throat. Many florets open at one time, finely arranged on the spike. | 75c per 12; \$5.00 per 100. |
| KING ARTHUR. Large ruffled florets of bright rosy lavender. | 75c per 12; \$5.00 per 100. |
| MAID OF ORLEANS. Large pure white. | 60c per 12; \$4.00 per 100. |
| MARGARET BEATON. An exquisite pure white, with small scarlet blotch. | 85c per 12; \$6.00 per 100. |
| MINUET. Fine clear lavender. Splendid cut flower variety. | 65c per 12; \$4.50 per 100. |
| MOORISH KING. The finest and largest flowered of the deep mahogany-red Gladiolus. | 85c per 12; \$6.00 per 100. |
| MOTHER MACHREE. Lavender-gray with edges of petals overlaid salmon pink. An interesting color combination. | 75c per 12; \$5.00 per 100. |
| NEW ERA. A lovely ruffled pink. | 75c per 12; \$5.50 per 100. |
| PELEGRINA. Dark violet-blue, blotched slightly darker on two lower petals. One of the finest dark-blue shades. | 75c per 12; \$5.00 per 100. |
| PICARDY. Glowing, shrimp or flesh-pink, without any markings. A very beautiful Gladiolus. | 60c per 12; \$4.00 per 100. |
| ROYAL GOLD. We think this is the finest clear yellow. | 85c per 12; \$6.00 per 100. |
| STAR OF BETHLEHEM. Exhibition White. | 75c per 12; \$5.00 per 100. |
| TROUBADOR. An outstanding purple Gladiolus. | 75c per 12; \$5.00 per 100. |
| VAGABOND PRINCE. An unusual bronze red with orange blotch. | 75c per 12; \$5.00 per 100. |
| HALLAWELL'S SELECT MIXTURE. A mixture of the best named sorts in a great variety of colors. | 75c per 12; \$5.00 per 100. |
| RAINBOW MIXTURE. A fine mixture of large flowering Gladiolus in a good variety of colors. | 50c per 12; \$3.50 per 100. |

TUBEROUS *Begonias*

Those who visited San Francisco's Treasure Island Exposition several years ago will recall the magnificent display of Tuberous Begonias in the Horticulture Building and in the Gardens. Public interest in these spectacular beauties was greatly enhanced and orders were received from all over the country, even from some sections where growing them was not recommended. Generally speaking, however, we do not hesitate to recommend them for planting in any climate except in the extreme heat.

Prices, all types, extra large tubers: 40c each; \$4.00 per 12; \$27.50 per 100 postpaid. On orders under \$2.00 send 25c for handling charge.

DOUBLE CAMELLIA FLOWERED TYPE. Colors: Apricot, Orange, Pink, Red, Rose, Salmon, White, Yellow.

CRISPA or FRILLED TYPE. Orange, Red, Rose, Salmon, White, Yellow.

DOUBLE FRILLED or CARNATION FLOWERED TYPE. A popular type in an assortment of lovely colors.



SINGLE CRESTED TYPE (Cristata). This is a very beautiful type of begonia. Mixed colors.

GIANT SINGLE TYPE. Individual flowers of this popular type grow to a very large size. Mixed colors.

DOUBLE HANGING TYPE. Colors: Apricot, Orange, Rose, Scarlet, White, Yellow.

40c each; \$4.00 per 12; \$27.50 per 100.

MULTIFLORA MIXED. Dwarf, bushy plants bearing masses of double flowers about 1½ to 3 inches in diameter. Suitable for outdoor bedding.

40c each; \$4.00 per 12; \$27.50 per 100.

Illustrated types:

Top, left—Single.

Top, right—Camellia.

Right—Frilled.

Left—Carnation.

Culture Tips

Start the tubers by placing them on top of moist peat or leaf mold. When the sprouts are 2 or 3 inches high transplant them to pots or into the garden, in partial shade.

They grow best in a light mixture of equal parts leaf mold, sand, mellow loam, and well rotted manure. Set the tubers with the hollow side up, the round side down. If water stands in the hollow of the tuber it may rot, and this can be avoided by sprouting them before planting.

For outdoor planting the north or east side of the house is preferable, but they may also be grown in a lath house or any other partially shaded situation.

They need bright daylight and an even moisture content at all times. When they are grown as pot plants use at least a 6-inch pot for one tuber. Tubers started in February should bloom about July and continue through October.



California **BERRIES**

Berry plants cannot be packed with dry merchandise, therefore they are usually sent separately by mail. On berry plant orders amounting to less than \$2.00, please add 25c handling charge. Plants sent postpaid.

CULTURE TIPS

Plant trellis varieties 6 to 8 feet apart each way. (Boysen 8 feet). Provide a trellis 4 to 5 feet high. Vines may be left on the ground the first season and trellised any time after the canes are long enough. When the crop is picked, cut off all old wood back to the ground, and later, train new growth on the trellis. In the spring, spray with a dry lime sulphur solution. For best results, irrigate thoroughly at regular intervals (about once a week during fruiting season). Keep all berries well fertilized.



Red Raspberries

GOOSEBERRIES

35c each; 3 for \$1.00; 6 for \$1.85.

CHAMPION. Berries large and brownish red; very sweet and fine for table use and pies. Strong grower; prolific bearer.

TRELLIS VARIETIES

BOYSENBERRY. This berry will be the pride of your garden. It is a very large, dark red berry, highly flavored and contains few seeds. Excellent for canning and for shipping. We consider it the best all purpose berry on the market today. Strong tip roots.

35c each; 3 for \$1.00; 6 for \$1.85.

YOUNGBERRY. Large, luscious berries which are rich, sweet and juicy, yet firm and with very few seeds. It produces an abundance of fruit, is early and of excellent quality. Next to Boysen, this seems to be the best one in its class. Strong tip roots. 35c each; 3 for \$1.00.

LOGANBERRY (Raspberry - Blackberry). The fruit is often an inch and a quarter long, dark red, the shape of a blackberry, the color of a raspberry and the flavor of both. The vines are strong growers and the yield is exceedingly heavy. Strong tip roots.

35c each; 3 for \$1.00; 6 for \$1.85.

THORNLESS LOGANBERRY. A vigorous grower and very productive. 50c each; 5 for \$2.00.

MACATAWA. A bush blackberry for home garden or commercial use; requires no support after the first year, and succeeds under varied soil and adverse conditions. Bears a heavy crop of sweet, firm berries during June and July; and a lighter crop again in the fall. Plant 5 feet apart in rows 8 feet apart.

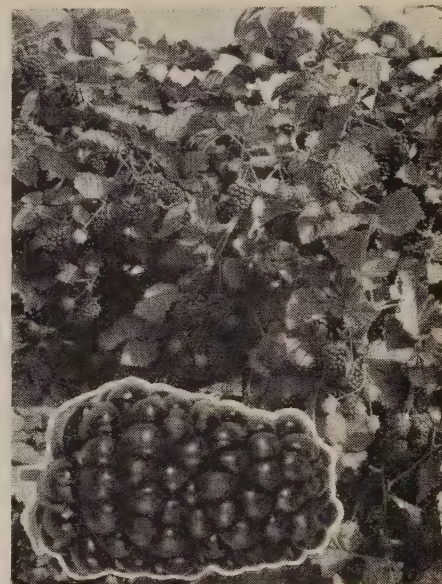
35c each; 3 for \$1.00; 6 for \$1.85.

RASPBERRIES

CULTURE TIPS. Plant in rows 5 to 6 feet apart, 2 to 4 feet in the row. After the fruit season, cut out all the old wood which bore the last crop of fruit. Pinch the vigorous young shoots several times during the summer. They will then branch and grow stout enough to stand without staking.

LLOYD GEORGE. The largest red raspberry grown. The fruit is fine quality and is borne in large clusters. It has few seeds.

25c each; 6 for \$1.00.



Boysenberry

MUNGER BLACK RASPBERRY. Large fine flavored berry with few seeds and always juicy. 25c each; 6 for \$1.00.

CUTHBERT. Deep red fruits of excellent quality. 25c each; 6 for \$1.00.

CURRENTS

35c each; 3 for \$1.00; 6 for \$1.85.

Plant currants and gooseberries in rows 5 to 6 feet apart and 2 to 3 feet apart in the row. Trim out the old wood as it begins to decline and shorten the young shoots in spring as may be desired.

CHERRY CURRANT. Very large deep red.

ASPARAGUS ROOTS

12 for 50c; 30 for \$1.00; 100 for \$3.00.

MARY WASHINGTON. Large dark green shoots with purple tips.

PARADISE. A new variety, widely heralded as an unusually heavy producer of finer flavored asparagus.

Note—If interested in purchasing roots by the thousands for acreage planting, please write for prices.

HORSERADISH

January to May delivery. Roots: 10c each; 75c per dozen; \$5.00 per 100.

STRAWBERRIES

Home Garden Varieties

50 plants for \$1.70; 100 plants for \$3.25. 25 plants \$1.00.

BANNER. By far the most popular strawberry. Large luscious berries from early Spring until late Fall season. Plant them early and keep the runners pinched off. These are the genuine Banner.

DORSETT. Beautiful bright red berries; large, sweet, firm and highly flavored. Will bear two good crops per season, early Spring and late Summer. If you have room to plant them, include these in your Victory Garden.

GEM. Everbearing type of fine quality medium size and excellent flavor. It thrives in most climates and is a very well known berry.

ROCKHILL STRAWBERRIES

A runnerless berry used extensively for barrel planting. 12 for \$2.00; 50 for \$7.00.



Banner Strawberries

P. O. _____ State _____ Date _____

W. D. PLOUGH
Wenatchee, Washington

I am ordering the stock listed below. If any items are United States Plant Patented (and, or) Trade Marked, I agree to abide by the patent and trade mark laws and will not reproduce any trees or fruit from said plant patented (and, or) trade marked varieties, or allow anyone else to take any of this stock or cuttings from same without written consent of W. D. Plough.

Ship to (Name) _____

(Town) _____ (State) _____

When (Date) _____

NO.	VARIETIES	SIZE FEET	PRICE EACH	DOL.	CTS.
	Early Rochester Peach (U. S. Plant Pat. No. 351) (Trade Mark Reg.)				
	Phelps Apricot				
				Total	
				Amt. Prepaid	
				Balance Unpaid	

In consideration of above, I agree to furnish stock listed.

— W. D. PLOUGH

Signature _____

Post Office _____ State _____

Salesman _____

P. O. State Date

W. D. PLOUGH
Wenatchee, Washington

I am ordering the stock listed below. If any items are United States Plant Patented (and, or) Trade Marked, I agree to abide by the patent and trade mark laws and will not reproduce any trees or fruit from said plant patented (and, or) trade marked varieties, or allow anyone else to take any of this stock or cuttings from same without written consent of W. D. Plough.

Ship to (Name)

(Town) (State)

When (Date)

NO.	VARIETIES	SIZE FEET	PRICE EACH	DOL.	CTS.
	Early Rochester Peach (U. S. Plant Pat. No. 351) (Trade Mark Reg.)				
	Phelps Apricot				
				Total	
				Amt. Prepaid	
				Balance Unpaid	

In consideration of above, I agree to furnish stock listed. — W. D. PLOUGH

Signature

Post Office State

Salesman

California DELPHINIUMS

Hallawell's Double Hybrids

Developed in California
— Thrive in Any Climate

..CHIFFON..

It is generally conceded that these are the finest delphiniums in cultivation. They grow tall graceful spikes in large double flowers, averaging more than 2 inches in diameter. In a beautiful range, from the palest to the deepest of blues, as well as the lovely pastels, mostly with dark bee centers.

Our plants are young seedlings to bloom this Spring and Summer. Under conditions favorable to delphiniums they should produce good spikes of flowers for several years.

Plants 60c each;
5 for \$2.50;
12 for \$5.50

.....

*We Do Not
Ship Plants
East of the
Rocky
Mountains*

.....



COLUMBINE



DELPHINIUMS

DELPHINIUM SEEDS

If you prefer to grow your own plants, sow our California grown Delphinium Seed. This is an exceptional strain from parent plants having the most desirable characteristics. We have them in the following colors: Light Blue Shades, White, Hallawell's Special Mixture.

Pkt. 50c; 3 pkts. for \$1.35.

COLUMBINE FOR SHADE

In Victory gardens there is always some shaded spot where vegetables will not thrive. Here is the answer. Columbines for partial shade and under trees, etc. Hallawell's beautiful Columbine Hybrids are large and with long graceful spurs, an excellent flower for cutting, too.

Plants 60c ea.; 5 for \$2.50; \$12 for \$5.

CHIFFON DAISY (Shasta)

A lovely semi-double white flower with bright yellow center. The petals are waved and beautifully frilled at the edges. It is a favorite florist's flower and is useful in bowl or other flower arrangements.

Plants 60c ea.; 3 for \$1.60; 12 for \$5.

CHIFFON DAISY



HALLAWELL'S AMERICAN GIANT PANSIES

The finest strain in cultivation. They have everything desired by way of texture, color, stem and size.

Pkt. \$1.00.



HALLAWELL'S California Strain of Golden Cross Bantam Corn

Hardy and prolific;
ears about 8 inches
long; excellent
quality.

Packet 15c;

½ lb. 40c;

1 lb. 70c.



hallawell
seed co.

*Miss Neuman
South Bldg.*

256 MARKET ST., SAN FRANCISCO, 11

Bureau of Plant
Industry
U. S. Dept. Agric.
Washington, D.C.

Sec. 562, P. L. & R.
U. S. POSTAGE
PAID
PORTLAND, ORE.
Permit No. 86